

## Health Risk Behaviors of Adult Missourians

2005  
Annual Report

Behavioral  
Risk Factor  
Surveillance  
System



Missouri Department of Health and Senior Services  
Division of Community and Public Health  
Bureau of Health Informatics

## REPORT INFORMATION

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Target Audience: Local Public Health Agencies, health and allied health professionals, non-profit and non-governmental organizations, and the Centers for Disease Control and Prevention (CDC).

Description: This report presents data collected from the CDC-established annual Behavioral Risk Factor Surveillance System (BRFSS). The BRFSS is designed to assess the health status and monitor trends in disease pattern and risk behaviors that are linked to health. This surveillance system provides information to assist public health agencies for planning, implementing, and evaluating public health interventions. This data can also drive advocacy efforts to promote community and systems change for the betterment of Missouri's population.

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## KEY LINKS

### ***Missouri Dept of Health and Senior Services***

Additional information about the BRFSS, publications, and state and regional data may be found on the Department website located at: <http://www.dhss.mo.gov/brfss/>

### ***The U.S Centers for Disease Control and Prevention (CDC)***

The CDC Behavior Surveillance Branch supports state BRFSS programs by providing funding and technical support. State and national BRFSS data are maintained on a CDC website that allows comparison of data between states and between states and the nation. Information about the BRFSS, publications, questionnaires, and data are available at: <http://www.cdc.gov/brfss/>

***Healthy People 2010 website:*** Coordinated by the U.S. Department of Health and Human Services, Office of Disease Prevention and Health Promotion, this website provides information on the health prevention goals, priority areas, measuring progress on health indicators and other pertinent information at: <http://www.health.gov/healthypeople/>

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2005 Behavioral Risk Factor Surveillance System Annual Report:  
Health Risk Behaviors of Adult Missourians

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The Health and Behavioral Risk Research Center (HBRRC) in the Department of Health Management and Informatics at the University of Missouri-Columbia conducted the telephone interviews using the Computer-Assisted Telephone Interviewing (CATI) system.

# Contents

Introduction	10
Definitions and Regional Data for Missouri	11
Demographics of Missouri BRFSS Respondents	12
<b>2005 BRFSS Results for Missouri Adults</b>	
<b>I Overall Health Measures</b>	13
Section 1	Summary of self-reported general, physical and mental health
a.	Summary of general health status
	Poor
	Poor/fair
	Fair
	Good
	Very good
	Excellent
b.	Summary of poor physical health in the past 30 days
	0 Poor physical health days
	1 Poor physical health days
	2 or more poor physical health days
c.	Summary of poor mental health past 30 days
	0 Poor mental health days
	1 Poor mental health days
	2 or more poor mental health days
d.	Summary of being kept from usual activities due to poor physical or mental health past 30 days
	0 Poor physical or mental health days
	1 Poor physical or mental health days
	2 or more poor physical or mental health days
Section 2	Summary of disability status
a.	Limited in any activities due to physical, mental, or emotional problems
b.	Any health problems that require special equipment
c.	Number of days in past 30 pain made it hard to do usual activities
	0 days
	1-2 days
	3-7 days
	8-14 days
	15-30 days
<b>II Health Care Access and Utilization</b>	
Section 3	Summary of health care access
a.	No health care coverage

	b. Needed to see a doctor in the past 12 months but could not due to cost	43
	c. Think of more than one person as a provider	
	One	44
	More than one	45
	No	46
	d. Doctor visit for routine check-up	
	In past year	47
	In the past 2 years	48
	2 or more years ago	49
<b>III</b>	<b>Health Risks and Preventive Behaviors</b>	50
Section 4	Summary of cholesterol awareness	50
	a. Ever had blood cholesterol checked	51
	b. Told by a doctor, nurse or other health professional that blood cholesterol is high	52
	c. Had blood cholesterol checked within the past 1 year	53
	d. Had blood cholesterol checked within the past 2 years	54
	e. Had blood cholesterol checked within the past 5 years	55
	f. Had blood cholesterol checked 5 years ago or more	56
Section 5	Summary of hypertension awareness	57
	a. Told by doctor, nurse or other health professional that have high blood pressure	58
	b. Currently taking medicine for high blood pressure	59
Section 6	Summary of fruits and vegetables	60
	a. Eat 5 or more servings of fruits and vegetables per day	61
Section 7	Summary of physical activity	62-63
	a. No physical activity: at risk	64
	b. No physical activity past 30 days	65
	c. Moderate physical activity	66
	d. Vigorous physical activity	67
	e. Level of physical activity at work	
	Mostly sitting or standing	68
	Mostly walking	69
	Mostly heavy labor	70
Section 8	Summary of weight	71
	a. Overweight ( $25 \leq \text{BMI} < 30$ )	72
	b. Obese ( $\text{BMI} \geq 30$ )	73
Section 9	Summary of Immunization	74
	a. Age 65+, flu shot in past 12 months	75
	b. Age 65+, flu nasal spray in past 12 months	76
	c. Age 65+, pneumonia vaccination in past 12 months	77
Section 10	Summary of tobacco use	78
	a. Current smoker	79
	b. Former smoker	80
	c. Attempted to quit smoking in the past 12 months	81

Section 11	Summary of alcohol consumption	82
	a. Had at least 1 drink per week in the past 30 days	83
	b. When drank in the past 30 days, average number of drinks	
	Two or more drinks	84
	Five or more drinks	85
	Binge drinking > 5 drinks on one occasion	86
	Heavy drinking > 1 drink per day	87
<b>IV</b>	<b>Health Conditions and Diseases</b>	88-89
Section 12	Summary of arthritis	88-89
	a. Had any symptoms of pain, aching, or stiffness in or around a joint (not including back or neck)	90
	b. Joints symptoms first began more than 3 months ago	91
	c. Saw a doctor or health care professional for joint symptoms	92
	d. Ever told by doctor have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia	93
	e. Usual activities limited in any way due to arthritis or joint symptoms	94
	f. Cannot do everything would like to do due to arthritis or joint symptoms	95
	g. Doctor or health professional suggested weight loss to help arthritis or joint symptoms	96
	Summary of Asthma Among Missourians	97
Section 13	Childhood asthma	
	a. One or more children age 17 or younger living in household have ever been diagnosed with asthma	98
	b. One or more children age 17 or younger living in household still have asthma	99
Section 14	Summary of adult asthma	100
	a. Told by doctor have asthma	101
	b. Still have asthma	102
	c. Visited emergency room or urgen care center in the past 12 months for asthma	103
	d. Saw a doctor in the past 12 months for an asthma check-up	104
	e. Had an asthma attack in the past 12 months	105
	f. Age 10 or younger told by doctor have asthma	106
	g. Unable to carry out usual activities due to asthma symptoms	107
Section 15	Summary of Cancer	108
	a. Ever told by a doctor have cancer	109
	Lung cancer	110
	Skin cancer	111
	Breast cancer	112
	Ovarian or uterine cancer	113
	Prostate cancer	114
	Colon or rectal cancer	115
	Bladder cancer	116
	Other cancer (kidney, non-Hodgkin, other)	117

Section 16	Summary of cardiovascular disease	118-119
	a. Told by doctor have coronary heart disease or angina	120
	b. Told by doctor had a myocardial infarction	121
	c. Told by doctor had a stroke	122
Section 17	Summary of Diabetes	123-124
	a. Told by doctor have diabetes	125
	b. Diagnosed with diabetes at age 55 or older	126
	c. Currently taking insulin for diabetes	127
	d. Currently taking diabetes pills	128
	e. Have not seen a doctor in the past 12 months for diabetes	129
	f. Check blood glucose 1 or more times per day	130
	g. Number of A1C tests per year	
	Less than 1 per year	131
	1-2 per year	132
	More than 2 per year	133
	h. Annual comprehensive foot exam	134
	i. Check own feet for sores or irritations daily	135
	j. Ever had sores or irritations on feet that took more than 4 weeks to heal	136
	k. Annual dilated eye exams	
	Within the past year	137
	Over 1 year ago	138
	l. Told by doctor diabetes has affected eyes or have retinopathy	139
	m. Ever taken class to learn how to manage diabetes	140
Section 18	Summary of epilepsy and seizure disorder	141-142
	a. Ever told by doctor have epilepsy or seizure disorder	143
	b. Currently taking any medicine to control seizure disorder or epilepsy	144
	c. Had seizures of any type in the past 3 months	
	No	145
	Yes, one	146
	Yes, two or more	147
	No longer have epilepsy or seizure disorder	148
<b>V</b>	<b>Additional Topics</b>	149
Section 19	Summary of emotional support and life satisfaction	149
	a. Get the emotional support needed	
	Always or usually	150
	Rarely or never	151
	b. Life satisfaction	
	Very satisfied or satisfied	152
	Very dissatisfied or dissatisfied	153
Section 20	Summary of HIV/AIDS	154
	a. People at risk for HIV	155
	b. Ever been tested for HIV	156
	c. Tested for HIV in the last 3 years	157
	d. Place had last HIV test	



	Private doctor's office or HMO office	158
	Hospital or clinic	159
	Other	160
Section 21	Knowledge of symptoms of heart attack or stroke	161
	a. Symptoms of a heart attack	
	Pain or discomfort in the jaw, neck or back	162
	Feeling weak, lightheaded, or faint	163
	Chest pain or discomfort	164
	Sudden trouble seeing in one or both eyes is a symptom	165
	Pain or discomfort in the arms or shoulder	166
	Shortness of breath	167
	Correctly answered all the symptoms of a heart attack	168
	b. Symptoms of a stroke	
	Sudden confusion or trouble speaking	169
	Sudden numbness or weakness of the face, arm or leg	170
	Sudden trouble seeing in one or both eyes	171
	Sudden chest pain or discomfort is a symptom	172
	Sudden trouble walking, dizziness, or loss of balance	173
	Severe headache with no known cause	174
	Correctly answered all the symptoms of a stroke	175
	c. Would call 911 first thing if you thought someone was having a heart attack or stroke	176
Section 22	Summary of sexual violence	177
	a. In the past 12 months exposed to unwanted sexual situations that did not involve physical touching	178
	b. In the past 12 months exposed to unwanted sexual situations that did involve physical touching	179
	c. In the past 12 months experienced attempted unwanted sex	180
	d. In the past 12 months experienced unwanted sex	181
	e. Ever experienced attempted unwanted sex	182
	f. Ever experienced unwanted sex	183
Section 23	Summary of intimate partner violence	184
	a. Ever threatened with physical violence by an intimate partner	185
	b. Ever physically hurt by an intimate partner	186
	c. Ever threatened with physical violence by an intimate partner- Other	187
	d. Ever experienced unwanted sex with an intimate partner	188
	e. In the past 12 months experienced physical violence or unwanted sex with an intimate partner	189
	f. In the past 12 months experienced injuries due to physical violence or unwanted sex with an intimate partner	190
Section 24	Summary of veteran's status	191
	a. Ever served on active duty in the United States Armed Forces	192

# INTRODUCTION

## ABOUT THIS REPORT

This report summarizes data from the 2005 Missouri Behavioral Risk Factor Surveillance System on health risk behaviors such as smoking, physical activity, and screenings, and chronic health conditions such as diabetes, asthma, and obesity. The data presented in this report represents the knowledge, perceptions and health status of Missouri's adult population. Although there have been some improvements in health of adult Missourians, there continues to be public health challenges that face the state. The Missouri Department of Health and Senior Services (DHSS) strives to protect and promote the health of all Missourians, at every stage of life.

## WHAT IS THE BRFSS?

The Behavioral Risk Factor Surveillance System (BRFSS), established in 1984 by the Centers for Disease Control and Prevention (CDC), is an on-going surveillance system that is conducted in all 50 states and the three territories of the United States. The BRFSS collects data on health risk behaviors on a monthly basis among adults, 18 years or older, residing in households with a telephone. Individuals are contacted randomly through a random digit-dialing technique.

The BRFSS contains three sections in the questionnaire: core, optional modules, and state-added questions. The core questions are a set of questions developed by CDC that must be asked by each state. The core questions allow comparisons across states. States can elect to use the optional module questions but without any modification to the question. The state-added questions are determined by each state based on specific needs.

The data acquired from the BRFSS is used to estimate the prevalence of health risk behaviors and the burden of chronic diseases. The data is also used to monitor trends and evaluate public health programs and policies. More information on the BRFSS can be found at: <http://www.cdc.gov/brfss/> and on the Missouri BRFSS site at: <http://www.dhss.mo.gov/BRFSS>.

## ANALYSIS OF DATA

The data presented in this report may also be found on the Missouri Information for Community Assessment (MICA) website, which is a computerized tool that allows BRFSS data to be further analyzed, such as creating trend lines. The system may be found at: (<http://www.dhss.mo.gov/MICA/>).

This report presents the weighted prevalence estimates and 95% confidence intervals for each topic generated using SAS statistical software. Prevalence estimates and confidence intervals were produced for the selected indicators and cross-tabulated by socio-demographic factors of gender, race, age, income, and education.

## Definitions

**Prevalence:** The proportion (usually a percentage) of a population that has a defined risk factor, disease, or condition at a particular point in time. **Crude prevalence** is prevalence without age adjustment.

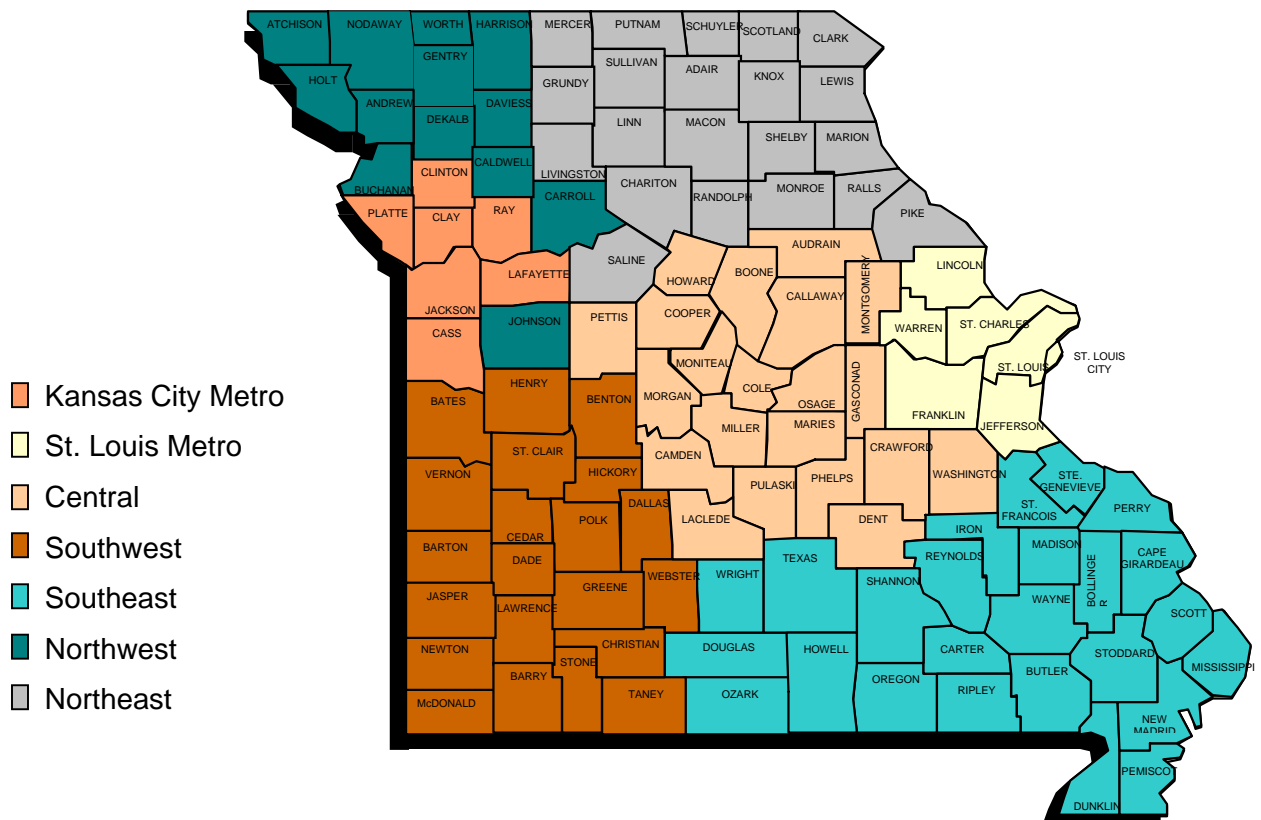
**Age adjustment:** A technique used to compare prevalence of populations when the ages are quite different. **Age-adjusted prevalence** is calculated by weighting the age-specific prevalence for a given year by the age distribution of a standard population (i.e. the 2000 US Standard Population).

**95% Confidence Intervals (CI)** – The range of values for which there is 95% confidence that the true value falls within the range, which is reported as lower confidence interval (LCI) and upper confidence interval (UCI).

## REGIONAL DATA FOR MISSOURI

Missouri is comprised of 114 counties and the City of St. Louis. The sample size from each county, on an annual basis, is too small to make conclusive estimates by county. Therefore, the counties and St. Louis are clustered into the following seven geographical BRFSS regions to examine sub-state level results: Kansas City Metro, St. Louis Metro, Central, Southwest, Southeast, Northwest, and Northeast.

Map of Missouri's BRFSS Regions



# DEMOGRAPHICS OF MISSOURI BRFSS RESPONDENTS

In 2005, there were a total of 5,164 respondents. The majority of the respondents were female (52.0%), white (84.3%), married (61.9%), and employed (61.1%). The distribution of this sample by age, race, education level, marital status, employment, and income are presented below.

**Distribution of economic and demographic characteristics  
of Missouri adult respondents, BRFSS 2005**

Characteristic	UNWEIGHTED SAMPLE SIZE N	WEIGHTED PERCENT %
OVERALL	5164	100
GENDER		
MALE	2004	48.0
FEMALE	3160	52.0
AGE GROUP		
18-24	286	13.4
25-34	642	17.0
35-44	825	19.0
45-54	1059	18.9
55-64	903	13.8
65 AND OLDER	1449	18.0
RACE/ETHNICITY		
WHITE	4403	84.3
BLACK	389	7.8
HISPANIC	124	3.5
OTHER	209	4.4
EDUCATION		
LESS THAN HIGH SCHOOL	658	11.4
HIGH SCHOOL	1924	33.6
SOME POST HIGH SCHOOL	1298	27.9
COLLEGE GRADUATE	1279	27.1
MARITAL STATUS		
NEVER MARRIED	634	17.6
MARRIED	2860	61.9
DIVORCED, WIDOWED, SEPARATED	1575	18.3
UNMARRIED COUPLE	89	2.1
HOUSEHOLD INCOME		
<\$15,000	705	10.9
\$15-24,999	895	16.1
\$25-34,999	695	15.4
\$35-49,999	823	19.4
\$50,000 AND OVER	1384	38.2
EMPLOYMENT		
EMPLOYED	2739	61.1
UNEMPLOYED	176	4.0
UNABLE TO WORK	403	5.4
HOMEMAKER	423	8.0
STUDENT	115	4.4
RETIRED	1302	17.2

## I OVERALL HEALTH MEASURES

### ***Description of BRFSS questions regarding Overall Health Measures:***

#### ***General Health Status –***

All respondents were asked to describe their overall health status as excellent, very good, good, fair, or poor.

#### ***Physical Health –***

All respondents were asked on how many days in the previous month their physical health had not been good.

#### ***Mental Health –***

All respondents were asked on how many days in the previous month their mental health had not been good.

#### ***Limitations due to Poor Health –***

All respondents were asked on how many days in the previous month their physical or mental health limited their daily activities.

#### ***Disability Status –***

All respondents were also asked about their disability status. Specifically, were they limited in any way due to physical, mental, or emotional problems and if their needs required special equipment.

## SECTION 1. SELF-REPORTED GENERAL, PHYSICAL, AND MENTAL HEALTH STATUS AMONG MISSOURI ADULTS, 2005

### ***Description of BRFSS questions regarding General Health Status:***

All respondents were asked to describe their overall health status as excellent, very good, good, fair, or poor.

### ***Summary of General Health Status:***

In 2005, when asked to describe their health status, 35% and 17% of Missourians reported being in very good or excellent health as compared to only 5% and 12% in poor or fair health, respectively. There were comparable results for men and women and only slight differences by region and race. See the tables below for more detailed information on Overall Health Status reporting in Missouri by region, gender, race, education and income.

OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2005					
POOR GENERAL HEALTH					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5158	0.0513	0.0439 - 0.0587	0.0491	0.042 - 0.0562
REGION					
Central	659	0.0516	0.0355 - 0.0677	0.0519	0.0363 - 0.0676
Kansas City	995	0.0457	0.0286 - 0.0628	0.0458	0.0285 - 0.063
Northeast	596	0.0724	0.0459 - 0.0989	0.0664	0.0382 - 0.0947
Northwest	660	0.0438	0.0289 - 0.0587	0.0447	0.0298 - 0.0596
Southeast	583	0.0997	0.0756 - 0.1238	0.0899	0.0683 - 0.1114
Southwest	661	0.0594	0.0418 - 0.077	0.0547	0.0385 - 0.071
St. Louis	950	0.0367	0.0222 - 0.0512	0.0356	0.0221 - 0.0491
GENDER					
Female	3159	0.0554	0.0454 - 0.0654	0.0514	0.0422 - 0.0607
Male	1999	0.0467	0.0359 - 0.0575	0.0469	0.0362 - 0.0577
RACE					
Black	389	0.0284	0.0143 - 0.0425	0.0338	0.0178 - 0.0499
Other	333	0.0548	0.0278 - 0.0818	0.0572	0.0323 - 0.0821
White	4397	0.0528	0.0446 - 0.061	0.049	0.0414 - 0.0567
EDUCATION					
< HS	658	0.1531	0.1151 - 0.1911	0.1442	0.0943 - 0.1942
HS	1920	0.0633	0.0488 - 0.0778	0.0572	0.0439 - 0.0706
> HS	2575	0.0229	0.017 - 0.0288	0.025	0.0185 - 0.0314
INCOME					
<\$15,000	703	0.1828	0.1426 - 0.223	0.1778	0.1294 - 0.2262
\$15-24,999	894	0.0952	0.0678 - 0.1226	0.0763	0.0559 - 0.0967
\$25-34,999	693	0.0485	0.0291 - 0.0679	0.0487	0.0291 - 0.0683
\$35-49,999	823	0.0285	0.0105 - 0.0465	0.0299	0.012 - 0.0477
\$50-74,999	692	0.0099	0.0028 - 0.017	0.0085	0.002 - 0.015
\$75,000+	692	0.0074	0 - 0.015	0.0084	0.0007 - 0.016

OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2005					
POOR/FAIR GENERAL HEALTH					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5158	0.1756	0.1584 - 0.1928	0.1711	0.1541 - 0.1882
REGION					
Central	659	0.1619	0.1315 - 0.1923	0.1618	0.1332 - 0.1905
Kansas City	995	0.1472	0.1219 - 0.1725	0.1465	0.1212 - 0.1718
Northeast	596	0.2325	0.1821 - 0.2829	0.2151	0.1661 - 0.2641
Northwest	660	0.1774	0.1435 - 0.2113	0.1737	0.1423 - 0.205
Southeast	583	0.2548	0.217 - 0.2926	0.24	0.2053 - 0.2747
Southwest	661	0.1913	0.1572 - 0.2254	0.1806	0.149 - 0.2121
St. Louis	950	0.1594	0.1175 - 0.2013	0.1588	0.1161 - 0.2015
GENDER					
Female	3159	0.1784	0.16 - 0.1968	0.1696	0.1519 - 0.1872
Male	1999	0.1725	0.1427 - 0.2023	0.1736	0.1453 - 0.2018
RACE					
Black	389	0.1899	0.1307 - 0.2491	0.2147	0.1582 - 0.2711
Other	333	0.2123	0.1443 - 0.2803	0.2302	0.165 - 0.2955
White	4397	0.1705	0.1517 - 0.1893	0.163	0.1436 - 0.1824
EDUCATION					
< HS	658	0.384	0.3297 - 0.4383	0.3534	0.2915 - 0.4153
HS	1920	0.2142	0.177 - 0.2514	0.2026	0.1644 - 0.2408
> HS	2575	0.1088	0.0921 - 0.1255	0.1167	0.0999 - 0.1336
INCOME					
<\$15,000	703	0.4483	0.3889 - 0.5077	0.4517	0.3878 - 0.5156
\$15-24,999	894	0.2777	0.235 - 0.3204	0.2557	0.2166 - 0.2947
\$25-34,999	693	0.157	0.1227 - 0.1913	0.1526	0.1201 - 0.1852
\$35-49,999	823	0.1177	0.0877 - 0.1477	0.1213	0.0927 - 0.1499
\$50-74,999	692	0.104	0.0689 - 0.1391	0.1066	0.0704 - 0.1429
\$75,000+	692	0.0503	0.0295 - 0.0711	0.0769	0.0448 - 0.1091



OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2005					
FAIR GENERAL HEALTH					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5158	0.1243	0.108 - 0.1406	0.122	0.106 - 0.1381
REGION					
Central	659	0.1103	0.0838 - 0.1368	0.1099	0.084 - 0.1358
Kansas City	995	0.1015	0.0815 - 0.1215	0.1007	0.0809 - 0.1205
Northeast	596	0.1601	0.1131 - 0.2071	0.1487	0.1051 - 0.1922
Northwest	660	0.1336	0.1024 - 0.1648	0.129	0.1 - 0.158
Southeast	583	0.1551	0.1237 - 0.1865	0.1502	0.1196 - 0.1808
Southwest	661	0.1319	0.1017 - 0.1621	0.1259	0.0972 - 0.1545
St. Louis	950	0.1226	0.0818 - 0.1634	0.1232	0.0818 - 0.1645
GENDER					
Female	3159	0.1229	0.1068 - 0.139	0.1181	0.1022 - 0.134
Male	1999	0.1258	0.0968 - 0.1548	0.1266	0.0996 - 0.1537
RACE					
Black	389	0.1616	0.1036 - 0.2196	0.1809	0.1256 - 0.2361
Other	333	0.1575	0.0936 - 0.2214	0.173	0.1103 - 0.2357
White	4397	0.1177	0.1001 - 0.1353	0.114	0.0957 - 0.1322
EDUCATION					
< HS	658	0.2308	0.1855 - 0.2761	0.2092	0.1649 - 0.2535
HS	1920	0.1509	0.1141 - 0.1877	0.1454	0.1081 - 0.1826
> HS	2575	0.0859	0.07 - 0.1018	0.0918	0.0757 - 0.1078
INCOME					
<\$15,000	703	0.2655	0.21 - 0.321	0.2739	0.213 - 0.3349
\$15-24,999	894	0.1826	0.1463 - 0.2189	0.1793	0.1431 - 0.2156
\$25-34,999	693	0.1085	0.0797 - 0.1373	0.1039	0.0769 - 0.131
\$35-49,999	823	0.0892	0.0643 - 0.1141	0.0914	0.0673 - 0.1156
\$50-74,999	692	0.0941	0.0596 - 0.1286	0.0981	0.0621 - 0.1342
\$75,000+	692	0.0429	0.0235 - 0.0623	0.0686	0.037 - 0.1001

OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2005					
GOOD GENERAL HEALTH					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5158	0.3069	0.2877 - 0.3261	0.3068	0.2876 - 0.326
REGION					
Central	659	0.3412	0.2969 - 0.3855	0.3393	0.296 - 0.3826
Kansas City	995	0.3297	0.2944 - 0.365	0.3276	0.2919 - 0.3632
Northeast	596	0.2932	0.2464 - 0.34	0.2951	0.2467 - 0.3435
Northwest	660	0.3118	0.2677 - 0.3559	0.3154	0.2725 - 0.3583
Southeast	583	0.3067	0.2618 - 0.3516	0.3037	0.2572 - 0.3501
Southwest	661	0.3142	0.2691 - 0.3593	0.3111	0.265 - 0.3572
St. Louis	950	0.2842	0.2417 - 0.3267	0.2838	0.242 - 0.3255
GENDER					
Female	3159	0.2981	0.2746 - 0.3216	0.2951	0.2712 - 0.3191
Male	1999	0.3163	0.2853 - 0.3473	0.3189	0.2887 - 0.349
RACE					
Black	389	0.3801	0.3048 - 0.4554	0.3841	0.3158 - 0.4523
Other	333	0.3082	0.2235 - 0.3929	0.3101	0.2266 - 0.3936
White	4397	0.3	0.2796 - 0.3204	0.3001	0.2793 - 0.3209
EDUCATION					
< HS	658	0.2903	0.2401 - 0.3405	0.304	0.245 - 0.363
HS	1920	0.3699	0.3358 - 0.404	0.3675	0.3326 - 0.4024
> HS	2575	0.2716	0.2453 - 0.2979	0.272	0.2465 - 0.2974
INCOME					
<\$15,000	703	0.2851	0.2316 - 0.3386	0.2832	0.2218 - 0.3445
\$15-24,999	894	0.3345	0.2898 - 0.3792	0.3512	0.3049 - 0.3974
\$25-34,999	693	0.3821	0.3251 - 0.4391	0.3821	0.3249 - 0.4393
\$35-49,999	823	0.324	0.2766 - 0.3714	0.3195	0.2744 - 0.3645
\$50-74,999	692	0.2953	0.2467 - 0.3439	0.2865	0.2377 - 0.3353
\$75,000+	692	0.2339	0.1908 - 0.277	0.2424	0.1944 - 0.2904

OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2005					
VERY GOOD GENERAL HEALTH					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5158	0.346	0.3254 - 0.3666	0.348	0.3272 - 0.3687
REGION					
Central	659	0.327	0.2829 - 0.3711	0.3243	0.2814 - 0.3672
Kansas City	995	0.3393	0.3034 - 0.3752	0.341	0.3047 - 0.3772
Northeast	596	0.3092	0.2612 - 0.3572	0.3176	0.268 - 0.3672
Northwest	660	0.3102	0.2649 - 0.3555	0.315	0.2707 - 0.3593
Southeast	583	0.281	0.2365 - 0.3255	0.2906	0.2445 - 0.3366
Southwest	661	0.3408	0.2943 - 0.3873	0.354	0.3074 - 0.4007
St. Louis	950	0.3796	0.3324 - 0.4268	0.3783	0.3301 - 0.4265
GENDER					
Female	3159	0.3426	0.3167 - 0.3685	0.3481	0.3216 - 0.3745
Male	1999	0.3497	0.3174 - 0.382	0.3479	0.316 - 0.3799
RACE					
Black	389	0.2602	0.1873 - 0.3331	0.2415	0.1787 - 0.3042
Other	333	0.3032	0.2252 - 0.3812	0.2967	0.2212 - 0.3722
White	4397	0.3592	0.3369 - 0.3815	0.3626	0.3395 - 0.3857
EDUCATION					
< HS	658	0.2284	0.1751 - 0.2817	0.2467	0.1797 - 0.3137
HS	1920	0.2827	0.2509 - 0.3145	0.2898	0.2565 - 0.3231
> HS	2575	0.4097	0.3803 - 0.4391	0.4064	0.3776 - 0.4352
INCOME					
<\$15,000	703	0.1782	0.1316 - 0.2248	0.1774	0.1296 - 0.2252
\$15-24,999	894	0.2855	0.2367 - 0.3343	0.293	0.2464 - 0.3397
\$25-34,999	693	0.3058	0.2507 - 0.3609	0.3065	0.252 - 0.361
\$35-49,999	823	0.372	0.3238 - 0.4202	0.372	0.324 - 0.42
\$50-74,999	692	0.4091	0.3583 - 0.4599	0.4162	0.3599 - 0.4724
\$75,000+	692	0.4365	0.3832 - 0.4898	0.4267	0.3571 - 0.4963

OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2005					
EXCELLENT GENERAL HEALTH					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5158	0.1715	0.1552 - 0.1878	0.1741	0.1576 - 0.1906
REGION					
Central	659	0.17	0.1351 - 0.2049	0.1746	0.1397 - 0.2095
Kansas City	995	0.1837	0.1545 - 0.2129	0.185	0.1552 - 0.2147
Northeast	596	0.1651	0.1277 - 0.2025	0.1722	0.133 - 0.2114
Northwest	660	0.2006	0.1516 - 0.2496	0.1959	0.1552 - 0.2367
Southeast	583	0.1575	0.1218 - 0.1932	0.1657	0.1281 - 0.2033
Southwest	661	0.1536	0.1199 - 0.1873	0.1543	0.1198 - 0.1888
St. Louis	950	0.1768	0.139 - 0.2146	0.1791	0.1403 - 0.2179
GENDER					
Female	3159	0.1809	0.1584 - 0.2034	0.1872	0.1641 - 0.2103
Male	1999	0.1614	0.1377 - 0.1851	0.1597	0.1361 - 0.1832
RACE					
Black	389	0.1698	0.1016 - 0.238	0.1598	0.1016 - 0.218
Other	333	0.1764	0.09 - 0.2628	0.163	0.1011 - 0.2249
White	4397	0.1703	0.1538 - 0.1868	0.1743	0.157 - 0.1915
EDUCATION					
< HS	658	0.0973	0.0534 - 0.1412	0.0959	0.0561 - 0.1357
HS	1920	0.1332	0.1093 - 0.1571	0.1401	0.114 - 0.1661
> HS	2575	0.21	0.1859 - 0.2341	0.2049	0.1812 - 0.2286
INCOME					
<\$15,000	703	0.0884	0.0512 - 0.1256	0.0877	0.0456 - 0.1298
\$15-24,999	894	0.1023	0.0684 - 0.1362	0.1001	0.0678 - 0.1325
\$25-34,999	693	0.1551	0.1163 - 0.1939	0.1587	0.1209 - 0.1966
\$35-49,999	823	0.1863	0.1459 - 0.2267	0.1872	0.1471 - 0.2274
\$50-74,999	692	0.1916	0.1534 - 0.2298	0.1907	0.147 - 0.2344
\$75,000+	692	0.2793	0.2276 - 0.331	0.254	0.184 - 0.3239

## SECTION 1. SELF-REPORTED GENERAL, PHYSICAL, AND MENTAL HEALTH STATUS AMONG MISSOURI ADULTS, 2005

### ***Description of BRFSS questions regarding Physical Health:***

All respondents were asked on how many days in the previous month their physical health had not been good. In this analysis percentages were reported for 0 days, 1 day, and 2 or more days in which their physical health had not been good. Physical health was defined to include physical illness and injury.

### ***Summary of Physical Health:***

In 2005, 63% of Missourians reported having no poor physical health days in the prior 30 days; while 5% reported having 1 poor physical health day and 32% reported having two or more poor physical health days in the prior 30 days. Gender differences also existed across the state. Fewer men (27%) reported having two or more poor physical health days in the prior 30 days, compared to women (36%). Respondents with lower education and income were more likely to report poor physical health. See the tables below for more detailed information on Physical Health Status reporting in Missouri by region, gender, race, education and income.

<b>OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2005</b> <b>PHYSICAL HEALTH WAS POOR 0 DAYS OUT OF THE PAST 30 DAYS</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	5091	0.6321	0.6119 - 0.6523	0.6326	0.6124 - 0.6527
<b>REGION</b>					
Central	654	0.6381	0.5942 - 0.682	0.6378	0.5945 - 0.6811
Kansas City	981	0.6594	0.6235 - 0.6953	0.6601	0.6238 - 0.6963
Northeast	584	0.5889	0.5344 - 0.6434	0.5944	0.5407 - 0.6481
Northwest	654	0.5997	0.5489 - 0.6505	0.5991	0.5521 - 0.6462
Southeast	578	0.5966	0.55 - 0.6432	0.6039	0.5561 - 0.6517
Southwest	649	0.597	0.5502 - 0.6438	0.5998	0.5522 - 0.6475
St. Louis	937	0.6501	0.6048 - 0.6954	0.6496	0.6069 - 0.6923
<b>GENDER</b>					
Female	3108	0.5896	0.5633 - 0.6159	0.5909	0.5643 - 0.6176
Male	1983	0.6779	0.6475 - 0.7083	0.6753	0.6457 - 0.7048
<b>RACE</b>					
Black	378	0.6641	0.5922 - 0.736	0.6453	0.5767 - 0.7139
Other	330	0.6441	0.5628 - 0.7254	0.6177	0.541 - 0.6943
White	4345	0.629	0.6072 - 0.6508	0.63	0.6076 - 0.6523
<b>EDUCATION</b>					
< HS	630	0.5286	0.4694 - 0.5878	0.5517	0.4839 - 0.6196
HS	1896	0.6494	0.6157 - 0.6831	0.6551	0.6214 - 0.6888
> HS	2560	0.6424	0.6146 - 0.6702	0.642	0.6148 - 0.6693
<b>INCOME</b>					
<\$15,000	684	0.4246	0.3654 - 0.4838	0.4249	0.3598 - 0.4899
\$15-24,999	876	0.5593	0.5097 - 0.6089	0.5678	0.5178 - 0.6178
\$25-34,999	688	0.6488	0.5969 - 0.7007	0.6437	0.5933 - 0.694
\$35-49,999	820	0.63	0.581 - 0.679	0.6325	0.5871 - 0.678
\$50-74,999	690	0.6968	0.6482 - 0.7454	0.7089	0.6576 - 0.7603
\$75,000+	691	0.7025	0.6537 - 0.7513	0.6982	0.6348 - 0.7615

<b>OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2005</b> <b>PHYSICAL HEALTH WAS POOR 1 DAY OUT OF THE PAST 30 DAYS</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	5091	0.0508	0.0422 - 0.0594	0.0512	0.0424 - 0.06
<b>REGION</b>					
Central	654	0.0742	0.0491 - 0.0993	0.0729	0.049 - 0.0968
Kansas City	981	0.0521	0.0325 - 0.0717	0.0498	0.0306 - 0.069
Northeast	584	0.0806	0.0461 - 0.1151	0.0824	0.0477 - 0.1171
Northwest	654	0.081	0.0379 - 0.1241	0.0797	0.045 - 0.1144
Southeast	578	0.0288	0.0112 - 0.0464	0.0299	0.0121 - 0.0477
Southwest	649	0.0487	0.0289 - 0.0685	0.0509	0.0299 - 0.0719
St. Louis	937	0.0419	0.0252 - 0.0586	0.0427	0.0259 - 0.0596
<b>GENDER</b>					
Female	3108	0.0515	0.0399 - 0.0631	0.0525	0.0405 - 0.0644
Male	1983	0.05	0.0371 - 0.0629	0.0501	0.0368 - 0.0635
<b>RACE</b>					
Black	378	0.0239	0.0067 - 0.0411	0.0235	0.0068 - 0.0402
Other	330	0.0485	0.0164 - 0.0806	0.0468	0.0147 - 0.079
White	4345	0.0529	0.0433 - 0.0625	0.0551	0.0449 - 0.0653
<b>EDUCATION</b>					
< HS	630	0.051	0.0181 - 0.0839	0.0451	0.0125 - 0.0776
HS	1896	0.0327	0.0217 - 0.0437	0.0336	0.0225 - 0.0448
> HS	2560	0.0618	0.0493 - 0.0743	0.0592	0.0468 - 0.0715
<b>INCOME</b>					
<\$15,000	684	0.0335	0.0145 - 0.0525	0.0334	0.0148 - 0.052
\$15-24,999	876	0.043	0.0203 - 0.0657	0.0429	0.0217 - 0.064
\$25-34,999	688	0.0572	0.03 - 0.0844	0.056	0.0301 - 0.0819
\$35-49,999	820	0.0485	0.0307 - 0.0663	0.0487	0.0309 - 0.0666
\$50-74,999	690	0.0723	0.046 - 0.0986	0.0758	0.0425 - 0.1092
\$75,000+	691	0.0515	0.0299 - 0.0731	0.0423	0.0249 - 0.0597

<b>OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2005</b> <b>PHYSICAL HEALTH WAS POOR 2+ DAYS OUT OF THE PAST 30 DAYS</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	5091	0.3171	0.2977 - 0.3365	0.3162	0.297 - 0.3354
<b>REGION</b>					
Central	654	0.2878	0.247 - 0.3286	0.2893	0.2492 - 0.3295
Kansas City	981	0.2885	0.255 - 0.322	0.2901	0.2562 - 0.324
Northeast	584	0.3304	0.2779 - 0.3829	0.3232	0.2707 - 0.3757
Northwest	654	0.3193	0.2746 - 0.364	0.3212	0.2783 - 0.3641
Southeast	578	0.3747	0.329 - 0.4204	0.3662	0.3195 - 0.4128
Southwest	649	0.3543	0.3086 - 0.4	0.3492	0.303 - 0.3955
St. Louis	937	0.308	0.2645 - 0.3515	0.3077	0.2659 - 0.3494
<b>GENDER</b>					
Female	3108	0.3589	0.3332 - 0.3846	0.3566	0.3307 - 0.3825
Male	1983	0.2721	0.2433 - 0.3009	0.2746	0.2466 - 0.3027
<b>RACE</b>					
Black	378	0.312	0.2414 - 0.3826	0.3312	0.2631 - 0.3992
Other	330	0.3074	0.2306 - 0.3842	0.3355	0.26 - 0.411
White	4345	0.3181	0.2971 - 0.3391	0.3149	0.294 - 0.3359
<b>EDUCATION</b>					
< HS	630	0.4205	0.3631 - 0.4779	0.4032	0.3364 - 0.47
HS	1896	0.3179	0.2854 - 0.3504	0.3113	0.279 - 0.3436
> HS	2560	0.2958	0.2693 - 0.3223	0.2988	0.2727 - 0.3249
<b>INCOME</b>					
<\$15,000	684	0.5419	0.4821 - 0.6017	0.5417	0.4763 - 0.6072
\$15-24,999	876	0.3977	0.3493 - 0.4461	0.3893	0.3407 - 0.4379
\$25-34,999	688	0.294	0.2462 - 0.3418	0.3003	0.2535 - 0.3472
\$35-49,999	820	0.3216	0.2734 - 0.3698	0.3187	0.2746 - 0.3628
\$50-74,999	690	0.2309	0.1856 - 0.2762	0.2152	0.1697 - 0.2607
\$75,000+	691	0.246	0.1997 - 0.2923	0.2595	0.1976 - 0.3215



## SECTION 1. SELF-REPORTED GENERAL, PHYSICAL, AND MENTAL HEALTH STATUS AMONG MISSOURI ADULTS, 2005

### ***Description of BRFSS questions regarding Mental Health:***

All respondents were asked on how many days in the previous month their mental health had not been good. In this analysis percentages were reported for 0 days, 1 day, and 2 or more days in which their mental health had not been good. Mental health was defined to include stress, depression, and problems with emotions.

### ***Summary of Mental Health:***

In 2005, 66% of Missourians reported having no poor mental health days in the prior 30 days; while 4% reported having 1 poor mental health day and 30% reported having two or more poor mental health days in the prior 30 days. Similar to physical health, fewer men (25%) reported having two or more poor mental health days than did women (35%). Respondents with lower income were more likely to report poor mental health. See the tables below for more detailed information on Mental Health Status reporting in Missouri by region, gender, race, education and income.

**OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2005**  
**MENTAL HEALTH WAS POOR 0 DAYS OUT OF THE PAST 30 DAYS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	5108	0.6583	0.6383 - 0.6783	0.6544	0.634 - 0.6748
<b>REGION</b>					
Central	655	0.6542	0.6103 - 0.6981	0.656	0.6132 - 0.6987
Kansas City	983	0.6642	0.6281 - 0.7003	0.6607	0.6249 - 0.6966
Northeast	590	0.6588	0.6033 - 0.7143	0.6543	0.6032 - 0.7055
Northwest	654	0.6722	0.6259 - 0.7185	0.6669	0.6218 - 0.712
Southeast	578	0.6283	0.5815 - 0.6751	0.6125	0.5651 - 0.6599
Southwest	653	0.6594	0.6124 - 0.7064	0.6511	0.6033 - 0.6989
St. Louis	941	0.6626	0.6177 - 0.7075	0.663	0.6183 - 0.7077
<b>GENDER</b>					
Female	3118	0.6042	0.5783 - 0.6301	0.5942	0.5678 - 0.6207
Male	1990	0.717	0.6864 - 0.7476	0.7174	0.6869 - 0.748
<b>RACE</b>					
Black	386	0.6661	0.5969 - 0.7353	0.6648	0.5989 - 0.7306
Other	327	0.6444	0.5542 - 0.7346	0.6564	0.5776 - 0.7352
White	4359	0.6592	0.6378 - 0.6806	0.6525	0.6301 - 0.6748
<b>EDUCATION</b>					
< HS	638	0.6502	0.5947 - 0.7057	0.6208	0.5577 - 0.6839
HS	1901	0.685	0.6525 - 0.7175	0.6708	0.6365 - 0.7051
> HS	2564	0.6434	0.6154 - 0.6714	0.6504	0.6226 - 0.6782
<b>INCOME</b>					
<\$15,000	693	0.4659	0.4073 - 0.5245	0.4077	0.3468 - 0.4687
\$15-24,999	886	0.5924	0.5418 - 0.643	0.5601	0.5102 - 0.6101
\$25-34,999	691	0.6639	0.6076 - 0.7202	0.6599	0.6058 - 0.714
\$35-49,999	821	0.6499	0.6017 - 0.6981	0.6583	0.6114 - 0.7051
\$50-74,999	689	0.6913	0.6456 - 0.737	0.7104	0.662 - 0.7588
\$75,000+	691	0.728	0.6829 - 0.7731	0.7572	0.7165 - 0.798

<b>OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2005</b> <b>MENTAL HEALTH WAS POOR 1 DAY OUT OF THE PAST 30 DAYS</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	5108	0.0414	0.0336 - 0.0492	0.042	0.0339 - 0.05
<b>REGION</b>					
Central	655	0.0547	0.032 - 0.0774	0.0525	0.0315 - 0.0735
Kansas City	983	0.0329	0.0182 - 0.0476	0.0337	0.0184 - 0.049
Northeast	590	0.0373	0.014 - 0.0606	0.0361	0.0138 - 0.0585
Northwest	654	0.0627	0.0349 - 0.0905	0.0608	0.0358 - 0.0859
Southeast	578	0.0324	0.0155 - 0.0493	0.0344	0.016 - 0.0529
Southwest	653	0.0295	0.0136 - 0.0454	0.03	0.0137 - 0.0462
St. Louis	941	0.0462	0.0295 - 0.0629	0.0458	0.0293 - 0.0623
<b>GENDER</b>					
Female	3118	0.0477	0.0369 - 0.0585	0.0486	0.0375 - 0.0598
Male	1990	0.0347	0.0235 - 0.0459	0.0347	0.0233 - 0.046
<b>RACE</b>					
Black	386	0.0255	0.009 - 0.042	0.0277	0.0099 - 0.0455
Other	327	0.0307	0.006 - 0.0554	0.0266	0.0054 - 0.0478
White	4359	0.0442	0.0354 - 0.053	0.0451	0.0359 - 0.0543
<b>EDUCATION</b>					
< HS	638	0.0303	0.0101 - 0.0505	0.0257	0.0102 - 0.0412
HS	1901	0.0278	0.017 - 0.0386	0.0282	0.0174 - 0.039
> HS	2564	0.0522	0.0404 - 0.064	0.0519	0.0399 - 0.0638
<b>INCOME</b>					
<\$15,000	693	0.0206	0.0067 - 0.0345	0.0174	0.0056 - 0.0291
\$15-24,999	886	0.045	0.024 - 0.066	0.0455	0.0245 - 0.0665
\$25-34,999	691	0.0453	0.0216 - 0.069	0.0444	0.0216 - 0.0671
\$35-49,999	821	0.0444	0.0262 - 0.0626	0.0433	0.0254 - 0.0611
\$50-74,999	689	0.0453	0.0265 - 0.0641	0.0433	0.0218 - 0.0649
\$75,000+	691	0.0416	0.0212 - 0.062	0.0332	0.0176 - 0.0489

<b>OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2005</b> <b>MENTAL HEALTH WAS POOR 2+ DAYS OUT OF THE PAST 30 DAYS</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	5108	0.3002	0.2808 - 0.3196	0.3036	0.284 - 0.3232
<b>REGION</b>					
Central	655	0.2911	0.2495 - 0.3327	0.2915	0.2508 - 0.3323
Kansas City	983	0.3029	0.2678 - 0.338	0.3056	0.2703 - 0.3409
Northeast	590	0.3039	0.2492 - 0.3586	0.3096	0.2576 - 0.3615
Northwest	654	0.2651	0.2232 - 0.307	0.2723	0.2311 - 0.3134
Southeast	578	0.3393	0.293 - 0.3856	0.353	0.3062 - 0.3999
Southwest	653	0.3112	0.2649 - 0.3575	0.319	0.2717 - 0.3662
St. Louis	941	0.2912	0.2479 - 0.3345	0.2912	0.2477 - 0.3347
<b>GENDER</b>					
Female	3118	0.3482	0.3229 - 0.3735	0.3571	0.3313 - 0.383
Male	1990	0.2483	0.2187 - 0.2779	0.2479	0.2185 - 0.2773
<b>RACE</b>					
Black	386	0.3084	0.241 - 0.3758	0.3076	0.2433 - 0.3718
Other	327	0.325	0.2356 - 0.4144	0.317	0.2386 - 0.3954
White	4359	0.2967	0.2761 - 0.3173	0.3024	0.281 - 0.3238
<b>EDUCATION</b>					
< HS	638	0.3195	0.2656 - 0.3734	0.3535	0.2912 - 0.4158
HS	1901	0.2873	0.2557 - 0.3189	0.301	0.2677 - 0.3343
> HS	2564	0.3044	0.2772 - 0.3316	0.2977	0.2711 - 0.3244
<b>INCOME</b>					
<\$15,000	693	0.5135	0.4537 - 0.5733	0.5749	0.513 - 0.6369
\$15-24,999	886	0.3626	0.3124 - 0.4128	0.3944	0.344 - 0.4447
\$25-34,999	691	0.2907	0.2358 - 0.3456	0.2957	0.243 - 0.3484
\$35-49,999	821	0.3057	0.2587 - 0.3527	0.2985	0.253 - 0.344
\$50-74,999	689	0.2634	0.2199 - 0.3069	0.2463	0.2006 - 0.292
\$75,000+	691	0.2304	0.1885 - 0.2723	0.2095	0.1705 - 0.2485

## SECTION 1. SELF-REPORTED GENERAL, PHYSICAL, AND MENTAL HEALTH STATUS AMONG MISSOURI ADULTS, 2005

### ***Description of BRFSS questions regarding Limitations due to Poor Health:***

All respondents were asked on how many days in the previous month their physical or mental health limited their daily activities. In this analysis percentages were reported for 0 days, 1 day, and 2 or more days in which their activities had been limited due to poor physical or mental health. Examples of usual activities were defined as self-care, work, or recreation.

### ***Summary of Limitations due to Physical or Mental Health:***

In 2005, 78% of Missourians reported having zero days in the prior 30 days in which poor physical or mental health limited their daily activities. Of Missourians who did report having limited activities due to poor physical or mental health, 20% reported having 2 or more such days and 3% reported having only 1 day of limited activities. Fewer men (16%) reported having two or more days they were kept from their usual activities due to poor physical or mental health in the prior 30 days, compared to women (23%). Respondents with lower education and income were more likely to report 2 or more days in which their activities were limited due to poor physical or mental health. See the tables below for more detailed information on Limited Activity Status reporting in Missouri by region, gender, race, education and income.

<b>OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2005</b> <b>KEPT FROM USUAL ACTIVITIES DUE TO PHYSICAL OR MENTAL HEALTH 0</b> <b>DAYS OUT OF THE PAST 30 DAYS</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5125	0.7774	0.7602 - 0.7946	0.7757	0.7582 - 0.7931
REGION					
Central	654	0.7729	0.7343 - 0.8115	0.7726	0.7341 - 0.811
Kansas City	987	0.7921	0.7613 - 0.8229	0.7903	0.7589 - 0.8216
Northeast	593	0.7404	0.6869 - 0.7939	0.7458	0.695 - 0.7966
Northwest	660	0.8	0.763 - 0.837	0.7936	0.7572 - 0.8301
Southeast	576	0.7251	0.6824 - 0.7678	0.7273	0.6834 - 0.7712
Southwest	658	0.777	0.7384 - 0.8156	0.7789	0.7401 - 0.8177
St. Louis	944	0.7866	0.7484 - 0.8248	0.7839	0.7455 - 0.8223
GENDER					
Female	3131	0.743	0.7197 - 0.7663	0.7376	0.7137 - 0.7615
Male	1994	0.8145	0.7896 - 0.8394	0.8148	0.7901 - 0.8395
RACE					
Black	384	0.7719	0.7092 - 0.8346	0.7663	0.7046 - 0.828
Other	330	0.7558	0.6819 - 0.8297	0.7474	0.6741 - 0.8207
White	4373	0.7811	0.7629 - 0.7993	0.779	0.76 - 0.798
EDUCATION					
< HS	640	0.7285	0.6785 - 0.7785	0.7195	0.6615 - 0.7775
HS	1913	0.7784	0.7504 - 0.8064	0.776	0.7462 - 0.8058
> HS	2567	0.787	0.7631 - 0.8109	0.788	0.7643 - 0.8117
INCOME					
<\$15,000	693	0.5423	0.4815 - 0.6031	0.5211	0.4574 - 0.5848
\$15-24,999	890	0.702	0.652 - 0.752	0.6964	0.6474 - 0.7454
\$25-34,999	691	0.8168	0.777 - 0.8566	0.8091	0.767 - 0.8512
\$35-49,999	822	0.791	0.7508 - 0.8312	0.7957	0.7578 - 0.8335
\$50-74,999	691	0.8378	0.7992 - 0.8764	0.8476	0.807 - 0.8881
\$75,000+	692	0.8348	0.7972 - 0.8724	0.8363	0.7926 - 0.88

<b>OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2005</b> <b>KEPT FROM USUAL ACTIVITIES DUE TO PHYSICAL OR MENTAL HEALTH 1 DAY</b> <b>OUT OF THE PAST 30 DAYS</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	5125	0.0262	0.0186 - 0.0338	0.0267	0.0191 - 0.0343
<b>REGION</b>					
Central	654	0.0304	0.0132 - 0.0476	0.028	0.0125 - 0.0435
Kansas City	987	0.0213	0.0109 - 0.0317	0.0212	0.0108 - 0.0316
Northeast	593	0.0293	0.0097 - 0.0489	0.0302	0.0094 - 0.051
Northwest	660	0.0232	0.0087 - 0.0377	0.0242	0.0097 - 0.0387
Southeast	576	0.0235	0.0113 - 0.0357	0.0238	0.0114 - 0.0361
Southwest	658	0.0187	0.0069 - 0.0305	0.0199	0.0073 - 0.0324
St. Louis	944	0.0319	0.0129 - 0.0509	0.0329	0.0133 - 0.0525
<b>GENDER</b>					
Female	3131	0.0295	0.0213 - 0.0377	0.0314	0.0224 - 0.0404
Male	1994	0.0226	0.0095 - 0.0357	0.0219	0.0095 - 0.0342
<b>RACE</b>					
Black	384	0.0119	0 - 0.0274	0.011	0 - 0.0257
Other	330	0.0115	0.0007 - 0.0223	0.011	0.001 - 0.021
White	4373	0.0283	0.0195 - 0.0371	0.0294	0.02 - 0.0389
<b>EDUCATION</b>					
< HS	640	0.0086	0.0004 - 0.0168	0.0083	0.0004 - 0.0161
HS	1913	0.0173	0.01 - 0.0246	0.0182	0.0106 - 0.0259
> HS	2567	0.0353	0.0224 - 0.0482	0.0339	0.021 - 0.0468
<b>INCOME</b>					
<\$15,000	693	0.007	0.0007 - 0.0133	0.0077	0.0004 - 0.0149
\$15-24,999	890	0.0458	0.0056 - 0.086	0.0425	0.0118 - 0.0733
\$25-34,999	691	0.0231	0.0088 - 0.0374	0.0242	0.0095 - 0.0389
\$35-49,999	822	0.0203	0.0089 - 0.0317	0.0207	0.009 - 0.0325
\$50-74,999	691	0.0266	0.0143 - 0.0389	0.0223	0.0121 - 0.0325
\$75,000+	692	0.0334	0.0142 - 0.0526	0.0282	0.0118 - 0.0447

<b>OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2005</b> <b>KEPT FROM USUAL ACTIVITIES DUE TO PHYSICAL OR MENTAL HEALTH 2+</b> <b>DAYS OUT OF THE PAST 30 DAYS</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5125	0.1965	0.1804 - 0.2126	0.1976	0.1814 - 0.2139
REGION					
Central	654	0.1967	0.1606 - 0.2328	0.1994	0.1632 - 0.2357
Kansas City	987	0.1866	0.157 - 0.2162	0.1885	0.1582 - 0.2189
Northeast	593	0.2302	0.1779 - 0.2825	0.224	0.175 - 0.273
Northwest	660	0.1768	0.1417 - 0.2119	0.1822	0.1475 - 0.2169
Southeast	576	0.2514	0.2095 - 0.2933	0.2489	0.2058 - 0.292
Southwest	658	0.2043	0.1669 - 0.2417	0.2012	0.1638 - 0.2387
St. Louis	944	0.1815	0.1468 - 0.2162	0.1832	0.1489 - 0.2175
GENDER					
Female	3131	0.2276	0.2051 - 0.2501	0.231	0.2079 - 0.2541
Male	1994	0.1629	0.1406 - 0.1852	0.1633	0.141 - 0.1857
RACE					
Black	384	0.2162	0.1549 - 0.2775	0.2227	0.1617 - 0.2836
Other	330	0.2327	0.1594 - 0.306	0.2417	0.1687 - 0.3146
White	4373	0.1907	0.1738 - 0.2076	0.1916	0.1743 - 0.2088
EDUCATION					
< HS	640	0.2629	0.2133 - 0.3125	0.2722	0.2144 - 0.33
HS	1913	0.2043	0.1771 - 0.2315	0.2057	0.1767 - 0.2348
> HS	2567	0.1777	0.1561 - 0.1993	0.1781	0.1571 - 0.199
INCOME					
<\$15,000	693	0.4506	0.3896 - 0.5116	0.4712	0.4071 - 0.5353
\$15-24,999	890	0.2522	0.2105 - 0.2939	0.2611	0.2172 - 0.305
\$25-34,999	691	0.1601	0.1223 - 0.1979	0.1667	0.1263 - 0.207
\$35-49,999	822	0.1887	0.1495 - 0.2279	0.1836	0.1469 - 0.2203
\$50-74,999	691	0.1356	0.0984 - 0.1728	0.1302	0.0906 - 0.1698
\$75,000+	692	0.1318	0.0981 - 0.1655	0.1355	0.0941 - 0.1768



## SECTION 2. DISABILITY STATUS AMONG MISSOURI ADULTS, 2005

### ***Description of BRFSS questions regarding Disability Status:***

All respondents were asked if they were limited in any way due to physical, mental, emotional problems, or pain and if their needs required special equipment. Examples of special equipment were defined as a cane, a wheelchair, a special bed, or a special telephone.

### ***Summary of Disability Status:***

In 2005, 21% of Missourians reported being limited in their activities due to physical, mental, or emotional problems. Seven percent of Missourians reported having disabilities that required special equipment. Respondents with lower education and income were more likely to report limited activities due to problems and need for special equipment. Eleven percent of Missourians reported that pain made it hard to do usual activities for 15 or more days out of the past month. See the tables below for more detailed information on Disability Status reporting in Missouri by region, gender, race, education and income.

**OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2005  
DISABILITY: LIMITED IN ANY ACTIVITIES DUE TO PHYSICAL, MENTAL, OR  
EMOTIONAL PROBLEMS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	5128	0.2086	0.1931 - 0.2241	0.2035	0.1886 - 0.2184
<b>REGION</b>					
Central	656	0.2133	0.1782 - 0.2484	0.2162	0.1821 - 0.2503
Kansas City	987	0.1934	0.166 - 0.2208	0.1913	0.1644 - 0.2181
Northeast	594	0.2561	0.2042 - 0.308	0.2511	0.1984 - 0.3038
Northwest	655	0.2031	0.1694 - 0.2368	0.2034	0.173 - 0.2337
Southeast	579	0.2886	0.2474 - 0.3298	0.2768	0.2368 - 0.3167
Southwest	658	0.2356	0.1972 - 0.274	0.224	0.1866 - 0.2615
St. Louis	947	0.1784	0.1455 - 0.2113	0.1747	0.143 - 0.2065
<b>GENDER</b>					
Female	3136	0.2245	0.2035 - 0.2455	0.2156	0.195 - 0.2362
Male	1992	0.1916	0.1689 - 0.2143	0.1908	0.1691 - 0.2126
<b>RACE</b>					
Black	386	0.1753	0.1267 - 0.2239	0.1935	0.1461 - 0.241
Other	329	0.2103	0.1456 - 0.275	0.2181	0.1554 - 0.2808
White	4378	0.2093	0.1926 - 0.226	0.2021	0.1857 - 0.2186
<b>EDUCATION</b>					
< HS	652	0.3273	0.2763 - 0.3783	0.2977	0.2483 - 0.3471
HS	1909	0.2275	0.2005 - 0.2545	0.2115	0.1858 - 0.2372
> HS	2563	0.1719	0.1519 - 0.1919	0.1757	0.1563 - 0.1951
<b>INCOME</b>					
<\$15,000	698	0.4636	0.4036 - 0.5236	0.4641	0.4047 - 0.5234
\$15-24,999	892	0.2854	0.2431 - 0.3277	0.2833	0.2401 - 0.3264
\$25-34,999	693	0.1811	0.1444 - 0.2178	0.1745	0.1388 - 0.2102
\$35-49,999	816	0.193	0.1532 - 0.2328	0.1974	0.1595 - 0.2352
\$50-74,999	691	0.136	0.1035 - 0.1685	0.1281	0.0979 - 0.1582
\$75,000+	691	0.107	0.0796 - 0.1344	0.133	0.0981 - 0.1679

**OVERALL HEALTH STATUS AMONG MISSOURI ADULTS, 2005  
DISABILITY: HAVE ANY HEALTH PROBLEMS THAT REQUIRE SPECIAL  
EQUIPMENT**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	5133	0.0686	0.0604 - 0.0768	0.0659	0.0582 - 0.0735
<b>REGION</b>					
Central	655	0.0583	0.0411 - 0.0755	0.0579	0.0417 - 0.0742
Kansas City	989	0.0671	0.0504 - 0.0838	0.0675	0.051 - 0.084
Northeast	594	0.1054	0.0785 - 0.1323	0.0932	0.0687 - 0.1177
Northwest	656	0.0866	0.0643 - 0.1089	0.0859	0.0645 - 0.1073
Southeast	582	0.1037	0.0796 - 0.1278	0.0934	0.0718 - 0.1149
Southwest	658	0.0753	0.0547 - 0.0959	0.0679	0.0495 - 0.0863
St. Louis	947	0.055	0.0381 - 0.0719	0.0542	0.0382 - 0.0703
<b>GENDER</b>					
Female	3140	0.0727	0.0619 - 0.0835	0.0666	0.0566 - 0.0766
Male	1993	0.0642	0.0519 - 0.0765	0.0642	0.0522 - 0.0761
<b>RACE</b>					
Black	386	0.0679	0.0399 - 0.0959	0.0799	0.0502 - 0.1097
Other	329	0.0627	0.0386 - 0.0868	0.0696	0.0429 - 0.0962
White	4383	0.0676	0.0588 - 0.0764	0.0634	0.0554 - 0.0715
<b>EDUCATION</b>					
< HS	653	0.1391	0.1054 - 0.1728	0.1053	0.0779 - 0.1328
HS	1911	0.0729	0.0592 - 0.0866	0.063	0.0511 - 0.075
> HS	2565	0.0513	0.0413 - 0.0613	0.0578	0.0472 - 0.0684
<b>INCOME</b>					
<\$15,000	699	0.1876	0.1482 - 0.227	0.159	0.1229 - 0.195
\$15-24,999	890	0.0917	0.0682 - 0.1152	0.0789	0.0588 - 0.0991
\$25-34,999	693	0.0623	0.0425 - 0.0821	0.0571	0.0393 - 0.075
\$35-49,999	816	0.0446	0.0277 - 0.0615	0.0488	0.0311 - 0.0664
\$50-74,999	690	0.0292	0.017 - 0.0414	0.0348	0.0188 - 0.0509
\$75,000+	691	0.0337	0.0182 - 0.0492	0.0327	0.018 - 0.0474

**QUALITY OF LIFE AMONG MISSOURI ADULTS, 2005**  
**DURING THE PAST 30 DAYS, 0 DAYS IN WHICH PAIN MADE IT HARD TO DO**  
**USUAL ACTIVITIES**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4819	0.689	0.6696 - 0.7084	0.6908	0.6714 - 0.7102
<b>REGION</b>					
Central	612	0.6845	0.6404 - 0.7286	0.6859	0.6425 - 0.7292
Kansas City	923	0.7244	0.6919 - 0.7569	0.7279	0.6963 - 0.7594
Northeast	569	0.6301	0.574 - 0.6862	0.6324	0.5765 - 0.6882
Northwest	626	0.6898	0.643 - 0.7366	0.6886	0.6432 - 0.7341
Southeast	543	0.6048	0.5566 - 0.653	0.611	0.5614 - 0.6606
Southwest	621	0.6032	0.555 - 0.6514	0.6044	0.5548 - 0.654
St. Louis	880	0.7347	0.6931 - 0.7763	0.7381	0.6985 - 0.7777
<b>GENDER</b>					
Female	2949	0.6611	0.6354 - 0.6868	0.663	0.6371 - 0.6888
Male	1870	0.7194	0.6902 - 0.7486	0.7209	0.6928 - 0.7489
<b>RACE</b>					
Black	341	0.7145	0.6453 - 0.7837	0.7049	0.6399 - 0.77
Other	305	0.6131	0.5225 - 0.7037	0.6109	0.5251 - 0.6968
White	4146	0.6955	0.6749 - 0.7161	0.699	0.6784 - 0.7196
<b>EDUCATION</b>					
< HS	597	0.5662	0.5062 - 0.6262	0.579	0.5153 - 0.6427
HS	1774	0.6756	0.6419 - 0.7093	0.6781	0.6439 - 0.7122
> HS	2444	0.7212	0.6953 - 0.7471	0.7263	0.7016 - 0.751
<b>INCOME</b>					
<\$15,000	644	0.4509	0.389 - 0.5128	0.4355	0.368 - 0.5029
\$15-24,999	831	0.6345	0.5861 - 0.6829	0.6234	0.5727 - 0.6742
\$25-34,999	656	0.6735	0.6212 - 0.7258	0.6649	0.6119 - 0.7178
\$35-49,999	779	0.7272	0.6813 - 0.7731	0.7234	0.6785 - 0.7683
\$50-74,999	665	0.7188	0.671 - 0.7666	0.7372	0.6903 - 0.784
\$75,000+	661	0.7719	0.7284 - 0.8154	0.7816	0.7338 - 0.8294

<b>QUALITY OF LIFE AMONG MISSOURI ADULTS, 2005</b> <b>DURING THE PAST 30 DAYS, 1-2 DAYS IN WHICH PAIN MADE IT HARD TO DO</b> <b>USUAL ACTIVITIES</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4819	0.0892	0.0769 - 0.1015	0.0901	0.0775 - 0.1026
REGION					
Central	612	0.0847	0.0567 - 0.1127	0.0814	0.0549 - 0.1078
Kansas City	923	0.0872	0.066 - 0.1084	0.0862	0.0652 - 0.1072
Northeast	569	0.078	0.0453 - 0.1107	0.0769	0.0453 - 0.1085
Northwest	626	0.0797	0.0517 - 0.1077	0.0822	0.0538 - 0.1107
Southeast	543	0.079	0.0476 - 0.1104	0.0808	0.0494 - 0.1121
Southwest	621	0.131	0.0932 - 0.1688	0.1323	0.0963 - 0.1684
St. Louis	880	0.0814	0.0565 - 0.1063	0.0815	0.0572 - 0.1058
GENDER					
Female	2949	0.0925	0.0768 - 0.1082	0.0958	0.0793 - 0.1122
Male	1870	0.0857	0.0667 - 0.1047	0.0845	0.0659 - 0.1032
RACE					
Black	341	0.0752	0.0352 - 0.1152	0.0756	0.0366 - 0.1146
Other	305	0.1352	0.0715 - 0.1989	0.1188	0.0665 - 0.1712
White	4146	0.0859	0.0732 - 0.0986	0.0872	0.074 - 0.1003
EDUCATION					
< HS	597	0.0976	0.0568 - 0.1384	0.0939	0.0492 - 0.1386
HS	1774	0.0771	0.0563 - 0.0979	0.0805	0.0582 - 0.1028
> HS	2444	0.0949	0.0786 - 0.1112	0.0926	0.0768 - 0.1085
INCOME					
<\$15,000	644	0.1048	0.0609 - 0.1487	0.108	0.0563 - 0.1598
\$15-24,999	831	0.0789	0.0528 - 0.105	0.0799	0.054 - 0.1058
\$25-34,999	656	0.1059	0.0663 - 0.1455	0.1079	0.0695 - 0.1463
\$35-49,999	779	0.0843	0.0529 - 0.1157	0.0832	0.0528 - 0.1136
\$50-74,999	665	0.1141	0.0806 - 0.1476	0.109	0.0747 - 0.1433
\$75,000+	661	0.0757	0.0498 - 0.1016	0.0749	0.0416 - 0.1082

<b>QUALITY OF LIFE AMONG MISSOURI ADULTS, 2005</b> <b>DURING THE PAST 30 DAYS, 3-7 DAYS IN WHICH PAIN MADE IT HARD TO DO</b> <b>USUAL ACTIVITIES</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4819	0.082	0.0704 - 0.0936	0.0829	0.071 - 0.0949
REGION					
Central	612	0.0839	0.0557 - 0.1121	0.0835	0.0568 - 0.1101
Kansas City	923	0.0697	0.0515 - 0.0879	0.0687	0.0507 - 0.0868
Northeast	569	0.1081	0.0575 - 0.1587	0.1075	0.0599 - 0.1551
Northwest	626	0.0823	0.0525 - 0.1121	0.0828	0.0544 - 0.1112
Southeast	543	0.1099	0.0783 - 0.1415	0.1092	0.0767 - 0.1418
Southwest	621	0.0857	0.0577 - 0.1137	0.0884	0.0587 - 0.1182
St. Louis	880	0.0744	0.0499 - 0.0989	0.0741	0.0498 - 0.0984
GENDER					
Female	2949	0.0937	0.0774 - 0.11	0.0946	0.0774 - 0.1119
Male	1870	0.0692	0.0531 - 0.0853	0.0707	0.0544 - 0.0869
RACE					
Black	341	0.0847	0.0384 - 0.131	0.0842	0.0426 - 0.1258
Other	305	0.0773	0.0361 - 0.1185	0.0845	0.0406 - 0.1284
White	4146	0.0821	0.0698 - 0.0944	0.0824	0.0695 - 0.0954
EDUCATION					
< HS	597	0.0995	0.0617 - 0.1373	0.0874	0.0463 - 0.1286
HS	1774	0.081	0.0632 - 0.0988	0.0813	0.0626 - 0.0999
> HS	2444	0.0786	0.0625 - 0.0947	0.0767	0.0614 - 0.0919
INCOME					
<\$15,000	644	0.1023	0.066 - 0.1386	0.1174	0.0721 - 0.1627
\$15-24,999	831	0.0855	0.0581 - 0.1129	0.0878	0.0594 - 0.1162
\$25-34,999	656	0.093	0.0612 - 0.1248	0.1019	0.0652 - 0.1385
\$35-49,999	779	0.0814	0.0528 - 0.11	0.0849	0.0549 - 0.1149
\$50-74,999	665	0.0767	0.0461 - 0.1073	0.0699	0.0409 - 0.0989
\$75,000+	661	0.0817	0.0513 - 0.1121	0.0675	0.0434 - 0.0916

<b>QUALITY OF LIFE AMONG MISSOURI ADULTS, 2005</b> <b>DURING THE PAST 30 DAYS, 8-14 DAYS IN WHICH PAIN MADE IT HARD TO DO</b> <b>USUAL ACTIVITIES</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4819	0.0284	0.0225 - 0.0343	0.0279	0.0221 - 0.0338
REGION					
Central	612	0.0338	0.0181 - 0.0495	0.0337	0.0181 - 0.0494
Kansas City	923	0.0339	0.0204 - 0.0474	0.0336	0.0201 - 0.0472
Northeast	569	0.019	0.0082 - 0.0298	0.0204	0.0081 - 0.0328
Northwest	626	0.0296	0.0108 - 0.0484	0.0285	0.0109 - 0.0461
Southeast	543	0.0372	0.0182 - 0.0562	0.0358	0.0166 - 0.055
Southwest	621	0.0449	0.0226 - 0.0672	0.044	0.0207 - 0.0673
St. Louis	880	0.0164	0.0076 - 0.0252	0.0163	0.0075 - 0.0251
GENDER					
Female	2949	0.0265	0.0192 - 0.0338	0.0264	0.0191 - 0.0336
Male	1870	0.0305	0.0209 - 0.0401	0.0295	0.0199 - 0.0391
RACE					
Black	341	0.0253	0.0065 - 0.0441	0.0274	0.0098 - 0.0451
Other	305	0.019	0.0023 - 0.0357	0.0218	0.0019 - 0.0418
White	4146	0.0293	0.0226 - 0.036	0.0291	0.0224 - 0.0357
EDUCATION					
< HS	597	0.044	0.0201 - 0.0679	0.0435	0.0186 - 0.0684
HS	1774	0.0362	0.024 - 0.0484	0.0368	0.0229 - 0.0507
> HS	2444	0.0209	0.0146 - 0.0272	0.0219	0.0152 - 0.0286
INCOME					
<\$15,000	644	0.0399	0.0156 - 0.0642	0.0374	0.0139 - 0.0609
\$15-24,999	831	0.0454	0.0233 - 0.0675	0.0485	0.024 - 0.073
\$25-34,999	656	0.0269	0.0132 - 0.0406	0.0276	0.0127 - 0.0425
\$35-49,999	779	0.0299	0.0166 - 0.0432	0.0315	0.0174 - 0.0456
\$50-74,999	665	0.0168	0.0068 - 0.0268	0.0151	0.0062 - 0.0239
\$75,000+	661	0.0127	0.0027 - 0.0227	0.0162	0 - 0.0331

<b>QUALITY OF LIFE AMONG MISSOURI ADULTS, 2005</b> <b>DURING THE PAST 30 DAYS, 15-30 DAYS IN WHICH PAIN MADE IT HARD TO DO</b> <b>USUAL ACTIVITIES</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4819	0.1113	0.0993 - 0.1233	0.1082	0.0969 - 0.1196
REGION					
Central	612	0.1131	0.0861 - 0.1401	0.1155	0.0879 - 0.1432
Kansas City	923	0.0848	0.067 - 0.1026	0.0836	0.0663 - 0.1008
Northeast	569	0.1647	0.1292 - 0.2002	0.1628	0.1265 - 0.1991
Northwest	626	0.1185	0.0897 - 0.1473	0.1179	0.0906 - 0.1451
Southeast	543	0.1692	0.1361 - 0.2023	0.1632	0.1309 - 0.1955
Southwest	621	0.1352	0.1058 - 0.1646	0.1308	0.1038 - 0.1579
St. Louis	880	0.0931	0.0668 - 0.1194	0.09	0.0649 - 0.1151
GENDER					
Female	2949	0.1262	0.109 - 0.1434	0.1203	0.104 - 0.1365
Male	1870	0.0952	0.0789 - 0.1115	0.0944	0.0787 - 0.1101
RACE					
Black	341	0.1003	0.0623 - 0.1383	0.1078	0.0707 - 0.1448
Other	305	0.1553	0.0896 - 0.221	0.1639	0.1006 - 0.2272
White	4146	0.1072	0.095 - 0.1194	0.1023	0.0906 - 0.1141
EDUCATION					
< HS	597	0.1927	0.1527 - 0.2327	0.1962	0.1513 - 0.2411
HS	1774	0.1301	0.1087 - 0.1515	0.1234	0.1034 - 0.1434
> HS	2444	0.0844	0.0689 - 0.0999	0.0825	0.0684 - 0.0966
INCOME					
<\$15,000	644	0.3021	0.2404 - 0.3638	0.3017	0.2429 - 0.3605
\$15-24,999	831	0.1558	0.1223 - 0.1893	0.1603	0.126 - 0.1946
\$25-34,999	656	0.1007	0.0762 - 0.1252	0.0978	0.0741 - 0.1215
\$35-49,999	779	0.0773	0.0516 - 0.103	0.0771	0.0529 - 0.1012
\$50-74,999	665	0.0736	0.0467 - 0.1005	0.0689	0.0458 - 0.092
\$75,000+	661	0.0579	0.0358 - 0.08	0.0598	0.0355 - 0.0841



## II HEALTH CARE ACCESS AND UTILIZATION

### SECTION 3. HEALTH CARE ACCESS AND UTILIZATION AMONG MISSOURI ADULTS, 2005

#### ***Description of BRFSS questions regarding Health Care Access:***

All respondents were asked whether they currently had health insurance and if they were unable to see a doctor in the past year due to cost. In addition, they were asked if they thought of one person, more than one person, or no one person as their personal doctor or health care provider and when they had last visited a doctor for a routine check-up. In the analyses, the percentage of respondents who had a routine check-up within the past 1, 2, and 2 or more years were analyzed. Health insurance was defined as including, prepaid plans such as HMOs, or government plans such as Medicare.

#### ***Summary of Health Coverage:***

In 2005, 64% of Missouri adults reported seeing a doctor for a routine check-up within the last year, 13% reported being without health insurance, and 13% needed to see a doctor in the last 12 months but could not due to cost. More men (16%) reported being without health care coverage than did women (10%). Respondents with lower education and income levels more often reported lack of health care coverage and inability to see a doctor due to cost. Seventy-six percent of Missourians think of one person as their health care provider and 17% do not think of any one person as their health care provider. St. Louis City (9%) yielded the lowest percentage of respondents without health insurance while the Northeast (18%) and Southeast (17%) regions yielded the highest numbers. See the tables below for more detailed information on Health Care Access and Utilization reporting in Missouri by region, gender, race, education and income.

HEALTH CARE ACCESS AMONG MISSOURI ADULTS, 2005					
NO HEALTH CARE COVERAGE					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5157	0.1291	0.1119 - 0.1463	0.1302	0.1143 - 0.1461
REGION					
Central	660	0.1526	0.115 - 0.1902	0.147	0.1125 - 0.1815
Kansas City	994	0.137	0.1072 - 0.1668	0.1402	0.1108 - 0.1696
Northeast	597	0.1772	0.1229 - 0.2315	0.1861	0.1355 - 0.2367
Northwest	659	0.1393	0.1046 - 0.174	0.1375	0.1038 - 0.1712
Southeast	583	0.1735	0.1331 - 0.2139	0.1799	0.1391 - 0.2206
Southwest	660	0.1597	0.1193 - 0.2001	0.1585	0.1193 - 0.1977
St. Louis	950	0.0858	0.0466 - 0.125	0.0881	0.0517 - 0.1246
GENDER					
Female	3154	0.0964	0.0813 - 0.1115	0.1009	0.0849 - 0.117
Male	2003	0.1644	0.1334 - 0.1954	0.1594	0.1338 - 0.1851
RACE					
Black	388	0.1626	0.1118 - 0.2134	0.1556	0.109 - 0.2023
Other	332	0.1916	0.1255 - 0.2577	0.1669	0.113 - 0.2208
White	4398	0.1192	0.1002 - 0.1382	0.1237	0.1059 - 0.1416
EDUCATION					
< HS	656	0.2194	0.1698 - 0.269	0.2652	0.2033 - 0.3271
HS	1922	0.1796	0.1396 - 0.2196	0.1953	0.1599 - 0.2308
> HS	2574	0.0791	0.065 - 0.0932	0.0756	0.0617 - 0.0895
INCOME					
<\$15,000	704	0.2459	0.1906 - 0.3012	0.2986	0.2339 - 0.3633
\$15-24,999	895	0.2366	0.1945 - 0.2787	0.267	0.2219 - 0.3121
\$25-34,999	695	0.1576	0.116 - 0.1992	0.1681	0.1264 - 0.2099
\$35-49,999	823	0.1115	0.075 - 0.148	0.112	0.0777 - 0.1463
\$50-74,999	692	0.046	0.0248 - 0.0672	0.0496	0.0224 - 0.0769
\$75,000+	692	0.0154	0.0048 - 0.026	0.0164	0.0013 - 0.0315

# HEALTH CARE ACCESS AMONG MISSOURI ADULTS, 2005 NEEDED TO SEE A DOCTOR IN THE PAST 12 MONTHS BUT COULD NOT DUE TO COST

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5161	0.1331	0.1157 - 0.1505	0.1348	0.1182 - 0.1515
REGION					
Central	660	0.1404	0.1071 - 0.1737	0.1402	0.1081 - 0.1724
Kansas City	996	0.1412	0.1116 - 0.1708	0.1436	0.1142 - 0.173
Northeast	596	0.1444	0.095 - 0.1938	0.1495	0.103 - 0.1959
Northwest	661	0.1002	0.0724 - 0.128	0.1008	0.0741 - 0.1274
Southeast	584	0.1984	0.1584 - 0.2384	0.2024	0.1614 - 0.2434
Southwest	660	0.1306	0.0981 - 0.1631	0.1365	0.1026 - 0.1704
St. Louis	950	0.1151	0.0734 - 0.1568	0.116	0.077 - 0.155
GENDER					
Female	3157	0.1462	0.1276 - 0.1648	0.1534	0.134 - 0.1728
Male	2004	0.1189	0.0885 - 0.1493	0.1157	0.0891 - 0.1424
RACE					
Black	388	0.1541	0.1027 - 0.2055	0.1565	0.1071 - 0.2059
Other	333	0.2134	0.134 - 0.2928	0.2058	0.1325 - 0.2791
White	4401	0.1225	0.1039 - 0.1411	0.1264	0.108 - 0.1449
EDUCATION					
< HS	657	0.2098	0.1594 - 0.2602	0.2652	0.1982 - 0.3323
HS	1922	0.1447	0.1063 - 0.1831	0.1584	0.1217 - 0.195
> HS	2577	0.1097	0.0919 - 0.1275	0.1052	0.0882 - 0.1223
INCOME					
<\$15,000	704	0.3017	0.2405 - 0.3629	0.3609	0.2978 - 0.424
\$15-24,999	894	0.219	0.1776 - 0.2604	0.2481	0.204 - 0.2922
\$25-34,999	695	0.1719	0.1223 - 0.2215	0.1803	0.1329 - 0.2277
\$35-49,999	823	0.112	0.0828 - 0.1412	0.1097	0.0808 - 0.1385
\$50-74,999	692	0.0691	0.0419 - 0.0963	0.0764	0.044 - 0.1087
\$75,000+	692	0.0333	0.0188 - 0.0478	0.0262	0.0145 - 0.038

<b>HEALTH CARE ACCESS AMONG MISSOURI ADULTS, 2005</b> <b>THINK OF ONE PERSON AS HEALTH CARE PROVIDER</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	5162	0.7581	0.7385 - 0.7777	0.7569	0.7381 - 0.7757
<b>REGION</b>					
Central	660	0.7015	0.6572 - 0.7458	0.7053	0.6634 - 0.7473
Kansas City	996	0.7374	0.7019 - 0.7729	0.7331	0.6983 - 0.768
Northeast	597	0.7432	0.6901 - 0.7963	0.7392	0.6871 - 0.7913
Northwest	660	0.7499	0.7082 - 0.7916	0.7505	0.7095 - 0.7915
Southeast	584	0.7279	0.6854 - 0.7704	0.7125	0.6686 - 0.7564
Southwest	660	0.7316	0.6865 - 0.7767	0.7385	0.696 - 0.7811
St. Louis	951	0.8098	0.7655 - 0.8541	0.8081	0.7651 - 0.851
<b>GENDER</b>					
Female	3158	0.7961	0.7749 - 0.8173	0.7931	0.7715 - 0.8146
Male	2004	0.7169	0.6838 - 0.75	0.7198	0.689 - 0.7506
<b>RACE</b>					
White	389	0.7109	0.6376 - 0.7842	0.7194	0.6545 - 0.7843
Black	333	0.6592	0.5722 - 0.7462	0.6849	0.603 - 0.7669
Other	4401	0.7722	0.7514 - 0.793	0.7683	0.7479 - 0.7887
<b>EDUCATION</b>					
< HS	657	0.7026	0.6485 - 0.7567	0.67	0.6022 - 0.7379
HS	1923	0.737	0.6986 - 0.7754	0.7262	0.6899 - 0.7625
> HS	2577	0.7836	0.7599 - 0.8073	0.7847	0.761 - 0.8084
<b>INCOME</b>					
<\$15,000	703	0.6735	0.6159 - 0.7311	0.6569	0.5938 - 0.72
\$15-24,999	895	0.683	0.6375 - 0.7285	0.6585	0.6121 - 0.705
\$25-34,999	695	0.7608	0.7089 - 0.8127	0.7648	0.7138 - 0.8158
\$35-49,999	823	0.7703	0.7301 - 0.8105	0.7705	0.73 - 0.8111
\$50-74,999	692	0.7981	0.7562 - 0.84	0.7975	0.7536 - 0.8414
\$75,000+	692	0.852	0.8165 - 0.8875	0.8495	0.8054 - 0.8936

<b>HEALTH CARE ACCESS AMONG MISSOURI ADULTS, 2005</b> <b>THINK OF MORE THAN ONE PERSON AS HEALTH CARE PROVIDER</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	5162	0.0768	0.067 - 0.0866	0.0758	0.066 - 0.0856
<b>REGION</b>					
Central	660	0.0955	0.0716 - 0.1194	0.0986	0.0741 - 0.1231
Kansas City	996	0.0729	0.0547 - 0.0911	0.0722	0.0538 - 0.0906
Northeast	597	0.0829	0.0594 - 0.1064	0.0823	0.0574 - 0.1072
Northwest	660	0.0742	0.0521 - 0.0963	0.0719	0.0507 - 0.093
Southeast	584	0.0872	0.0637 - 0.1107	0.0867	0.0627 - 0.1106
Southwest	660	0.0848	0.0609 - 0.1087	0.0801	0.057 - 0.1032
St. Louis	951	0.067	0.0458 - 0.0882	0.0665	0.0452 - 0.0879
<b>GENDER</b>					
Female	3158	0.0875	0.073 - 0.102	0.0857	0.071 - 0.1004
Male	2004	0.0653	0.0524 - 0.0782	0.0664	0.0537 - 0.0792
<b>RACE</b>					
Black	389	0.0905	0.0315 - 0.1495	0.0877	0.0424 - 0.133
Other	333	0.0653	0.0365 - 0.0941	0.0711	0.0387 - 0.1034
White	4401	0.0769	0.0669 - 0.0869	0.0751	0.0653 - 0.0849
<b>EDUCATION</b>					
< HS	657	0.0808	0.0559 - 0.1057	0.0679	0.0446 - 0.0912
HS	1923	0.0837	0.068 - 0.0994	0.0799	0.0641 - 0.0958
> HS	2577	0.0716	0.0575 - 0.0857	0.0759	0.0612 - 0.0906
<b>INCOME</b>					
<\$15,000	703	0.0892	0.0616 - 0.1168	0.0719	0.0478 - 0.096
\$15-24,999	895	0.0752	0.055 - 0.0954	0.075	0.053 - 0.0969
\$25-34,999	695	0.0604	0.0388 - 0.082	0.0585	0.0377 - 0.0793
\$35-49,999	823	0.0875	0.062 - 0.113	0.091	0.0653 - 0.1167
\$50-74,999	692	0.0525	0.0333 - 0.0717	0.0597	0.0368 - 0.0826
\$75,000+	692	0.0715	0.0482 - 0.0948	0.0743	0.0469 - 0.1018

<b>HEALTH CARE ACCESS AMONG MISSOURI ADULTS, 2005</b> <b>THINK OF NO ONE PERSON AS HEALTH CARE PROVIDER</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	5162	0.1651	0.1467 - 0.1835	0.1673	0.1499 - 0.1848
<b>REGION</b>					
Central	660	0.2031	0.161 - 0.2452	0.196	0.1588 - 0.2333
Kansas City	996	0.1897	0.1564 - 0.223	0.1947	0.1621 - 0.2272
Northeast	597	0.1739	0.1214 - 0.2264	0.1785	0.1303 - 0.2267
Northwest	660	0.1759	0.1381 - 0.2137	0.1776	0.1404 - 0.2149
Southeast	584	0.1849	0.1459 - 0.2239	0.2008	0.1598 - 0.2418
Southwest	660	0.1836	0.1411 - 0.2261	0.1814	0.1422 - 0.2206
St. Louis	951	0.1232	0.0813 - 0.1651	0.1254	0.0852 - 0.1656
<b>GENDER</b>					
Female	3158	0.1165	0.0994 - 0.1336	0.1213	0.1036 - 0.1389
Male	2004	0.2178	0.1853 - 0.2503	0.2138	0.1846 - 0.243
<b>RACE</b>					
Black	389	0.1986	0.1418 - 0.2554	0.1929	0.1396 - 0.2462
Other	333	0.2755	0.1895 - 0.3615	0.244	0.164 - 0.324
White	4401	0.1508	0.1312 - 0.1704	0.1566	0.1376 - 0.1757
<b>EDUCATION</b>					
< HS	657	0.2167	0.1648 - 0.2686	0.2621	0.1974 - 0.3268
HS	1923	0.1794	0.1408 - 0.218	0.1939	0.1592 - 0.2286
> HS	2577	0.1447	0.1239 - 0.1655	0.1393	0.1192 - 0.1595
<b>INCOME</b>					
<\$15,000	703	0.2373	0.1816 - 0.293	0.2712	0.2113 - 0.3312
\$15-24,999	895	0.2417	0.1984 - 0.285	0.2665	0.2226 - 0.3104
\$25-34,999	695	0.1788	0.1286 - 0.229	0.1767	0.1283 - 0.2251
\$35-49,999	823	0.1422	0.1085 - 0.1759	0.1385	0.1053 - 0.1716
\$50-74,999	692	0.1494	0.1104 - 0.1884	0.1428	0.1036 - 0.182
\$75,000+	692	0.0765	0.0483 - 0.1047	0.0761	0.041 - 0.1112

<b>HEALTH CARE ACCESS AMONG MISSOURI ADULTS, 2005</b> <b>SAW A DOCTOR FOR ROUTINE CHECKUP WITHIN THE PAST YEAR</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	5114	0.6386	0.6172 - 0.66	0.6328	0.6121 - 0.6536
<b>REGION</b>					
Central	653	0.6062	0.5601 - 0.6523	0.6076	0.5631 - 0.6521
Kansas City	988	0.5897	0.5519 - 0.6275	0.5882	0.5505 - 0.6258
Northeast	593	0.5775	0.5226 - 0.6324	0.5584	0.5035 - 0.6133
Northwest	656	0.6227	0.5753 - 0.6701	0.6119	0.5665 - 0.6574
Southeast	577	0.6314	0.5844 - 0.6784	0.6186	0.57 - 0.6672
Southwest	652	0.6497	0.6032 - 0.6962	0.6421	0.5948 - 0.6893
St. Louis	942	0.6805	0.6309 - 0.7301	0.6725	0.6243 - 0.7207
<b>GENDER</b>					
Female	3122	0.7006	0.6769 - 0.7243	0.6903	0.6658 - 0.7148
Male	1992	0.5723	0.5374 - 0.6072	0.5768	0.5447 - 0.609
<b>RACE</b>					
Black	389	0.8285	0.7789 - 0.8781	0.8287	0.783 - 0.8743
Other	331	0.6208	0.5332 - 0.7084	0.6367	0.5567 - 0.7166
White	4356	0.6224	0.5991 - 0.6457	0.6116	0.5889 - 0.6344
<b>EDUCATION</b>					
< HS	648	0.66	0.6039 - 0.7161	0.5749	0.5137 - 0.636
HS	1899	0.6426	0.6036 - 0.6816	0.6227	0.5856 - 0.6597
> HS	2562	0.6325	0.6041 - 0.6609	0.644	0.6163 - 0.6716
<b>INCOME</b>					
<\$15,000	696	0.6209	0.5599 - 0.6819	0.5839	0.5212 - 0.6466
\$15-24,999	889	0.6407	0.5939 - 0.6875	0.6133	0.5641 - 0.6625
\$25-34,999	691	0.6374	0.5813 - 0.6935	0.6282	0.5716 - 0.6848
\$35-49,999	817	0.6106	0.5612 - 0.66	0.6194	0.5708 - 0.668
\$50-74,999	691	0.6524	0.6022 - 0.7026	0.6709	0.6231 - 0.7187
\$75,000+	688	0.6481	0.5983 - 0.6979	0.6675	0.6062 - 0.7289

# **HEALTH CARE ACCESS AMONG MISSOURI ADULTS, 2005** **SAW A DOCTOR FOR ROUTINE CHECKUP WITHIN THE PAST 2 YEARS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	<b>5114</b>	<b>0.1333</b>	<b>0.1198 - 0.1468</b>	<b>0.1349</b>	<b>0.121 - 0.1488</b>
<b>REGION</b>					
Central	653	0.1319	0.0988 - 0.165	0.1299	0.0979 - 0.1618
Kansas City	988	0.1677	0.1379 - 0.1975	0.168	0.1378 - 0.1981
Northeast	593	0.1571	0.1079 - 0.2063	0.1567	0.11 - 0.2033
Northwest	656	0.1361	0.1028 - 0.1694	0.1331	0.1015 - 0.1647
Southeast	577	0.1137	0.0841 - 0.1433	0.1126	0.0824 - 0.1428
Southwest	652	0.1249	0.0931 - 0.1567	0.127	0.0941 - 0.1599
St. Louis	942	0.1209	0.0929 - 0.1489	0.1232	0.0952 - 0.1513
<b>GENDER</b>					
Female	3122	0.1268	0.1099 - 0.1437	0.1308	0.1131 - 0.1484
Male	1992	0.1401	0.1185 - 0.1617	0.1386	0.1169 - 0.1604
<b>RACE</b>					
White	389	0.0839	0.0494 - 0.1184	0.0869	0.0538 - 0.1201
Black	331	0.0778	0.0415 - 0.1141	0.0828	0.0454 - 0.1202
Other	4356	0.1433	0.1278 - 0.1588	0.1463	0.13 - 0.1625
<b>EDUCATION</b>					
< HS	648	0.128	0.089 - 0.167	0.1491	0.0948 - 0.2034
HS	1899	0.1143	0.0941 - 0.1345	0.1172	0.0957 - 0.1388
> HS	2562	0.1456	0.1258 - 0.1654	0.1426	0.1232 - 0.162
<b>INCOME</b>					
<\$15,000	696	0.117	0.0792 - 0.1548	0.1314	0.082 - 0.1808
\$15-24,999	889	0.1225	0.0919 - 0.1531	0.1286	0.0972 - 0.16
\$25-34,999	691	0.1089	0.0779 - 0.1399	0.1048	0.074 - 0.1356
\$35-49,999	817	0.1689	0.1307 - 0.2071	0.1636	0.1269 - 0.2002
\$50-74,999	691	0.1157	0.082 - 0.1494	0.1186	0.0804 - 0.1568
\$75,000+	688	0.1695	0.1307 - 0.2083	0.167	0.1221 - 0.2119



<b>HEALTH CARE ACCESS AMONG MISSOURI ADULTS, 2005</b> <b>SAW A DOCTOR FOR ROUTINE CHECKUP OVER 2 YEARS AGO</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5114	0.2102	0.1902 - 0.2302	0.2138	0.1944 - 0.2332
REGION					
Central	653	0.2323	0.1925 - 0.2721	0.233	0.1938 - 0.2722
Kansas City	988	0.225	0.1915 - 0.2585	0.227	0.1933 - 0.2608
Northeast	593	0.244	0.1975 - 0.2905	0.2622	0.2134 - 0.311
Northwest	656	0.2249	0.1851 - 0.2647	0.2377	0.1991 - 0.2763
Southeast	577	0.2384	0.1959 - 0.2809	0.2514	0.2073 - 0.2955
Southwest	652	0.1949	0.1555 - 0.2343	0.1983	0.1579 - 0.2386
St. Louis	942	0.1894	0.1414 - 0.2374	0.1946	0.1496 - 0.2397
GENDER					
Female	3122	0.1541	0.1355 - 0.1727	0.1594	0.1399 - 0.1788
Male	1992	0.2703	0.2356 - 0.305	0.2677	0.2359 - 0.2994
RACE					
Black	389	0.0843	0.048 - 0.1206	0.0812	0.0486 - 0.1137
Other	331	0.2607	0.178 - 0.3434	0.2415	0.1641 - 0.3189
White	4356	0.2172	0.1952 - 0.2392	0.2244	0.2025 - 0.2464
EDUCATION					
< HS	648	0.2008	0.1522 - 0.2494	0.2573	0.1903 - 0.3243
HS	1899	0.2203	0.1807 - 0.2599	0.2346	0.1978 - 0.2714
> HS	2562	0.2056	0.1807 - 0.2305	0.1977	0.1738 - 0.2216
INCOME					
<\$15,000	696	0.2472	0.1888 - 0.3056	0.2675	0.2036 - 0.3314
\$15-24,999	889	0.2113	0.1719 - 0.2507	0.2328	0.1905 - 0.2752
\$25-34,999	691	0.2288	0.1763 - 0.2813	0.2401	0.1884 - 0.2919
\$35-49,999	817	0.1945	0.1543 - 0.2347	0.1939	0.1532 - 0.2347
\$50-74,999	691	0.2181	0.1738 - 0.2624	0.1987	0.1561 - 0.2412
\$75,000+	688	0.1715	0.1331 - 0.2099	0.1558	0.1121 - 0.1996

### III HEALTH RISKS AND PREVENTIVE BEHAVIORS

#### SECTION 4. CHOLESTEROL AWARENESS AMONG MISSOURI ADULTS, 2005

***Description of BRFSS questions regarding Cholesterol Awareness:***

All respondents were asked if they ever had their blood cholesterol checked by a health professional. Those who had ever had their cholesterol checked were also asked whether a doctor had ever told them that they had high cholesterol and how long it had been since they last had their cholesterol checked. In the analyses, the percentage of adults who had their cholesterol checked in the past 1, 2, 5, and 5 or more years were calculated. Blood cholesterol was defined as a fatty substance found in the blood.

***Summary of Cholesterol Awareness:***

In 2005, 78% of Missouri adults reported having ever had their cholesterol checked. Thirty percent of Missourians were told by a health care professional that their blood cholesterol was high. Respondents with lower education and income levels were less likely to have ever had their cholesterol checked. Fifty five percent of Missourians had their blood cholesterol checked in the past year and 5% had their blood cholesterol checked more than 5 years ago. See the tables below for more detailed information on Cholesterol Awareness reporting in Missouri by region, gender, race, education and income.

HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005 CHOLESTEROL AWARENESS: EVER HAD BLOOD CHOLESTEROL CHECKED					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5051	0.7777	0.7571 - 0.7983	0.7692	0.7517 - 0.7866
REGION					
Central	649	0.7387	0.6938 - 0.7836	0.7448	0.7042 - 0.7854
Kansas City	979	0.7731	0.7368 - 0.8094	0.7618	0.7279 - 0.7957
Northeast	584	0.7325	0.6753 - 0.7897	0.7169	0.6675 - 0.7663
Northwest	645	0.7422	0.6893 - 0.7951	0.756	0.718 - 0.794
Southeast	565	0.7251	0.6777 - 0.7725	0.7068	0.6644 - 0.7491
Southwest	643	0.783	0.7389 - 0.8271	0.7756	0.7336 - 0.8175
St. Louis	933	0.8161	0.7687 - 0.8635	0.8028	0.7634 - 0.8422
GENDER					
Female	3078	0.788	0.7651 - 0.8109	0.7709	0.7474 - 0.7944
Male	1973	0.7666	0.7321 - 0.8011	0.7677	0.7422 - 0.7932
RACE					
White	379	0.7412	0.675 - 0.8074	0.7506	0.6891 - 0.8121
Black	324	0.7629	0.6929 - 0.8329	0.7972	0.7392 - 0.8552
Other	4311	0.7817	0.759 - 0.8044	0.7652	0.7471 - 0.7832
EDUCATION					
< HS	631	0.6986	0.6367 - 0.7605	0.6437	0.5911 - 0.6962
HS	1882	0.7601	0.7201 - 0.8001	0.7321	0.7002 - 0.7641
> HS	2533	0.8043	0.78 - 0.8286	0.8043	0.7813 - 0.8272
INCOME					
<\$15,000	672	0.6845	0.6259 - 0.7431	0.6289	0.5673 - 0.6904
\$15-24,999	880	0.7342	0.6825 - 0.7859	0.7132	0.6677 - 0.7586
\$25-34,999	683	0.7745	0.7263 - 0.8227	0.7735	0.7288 - 0.8182
\$35-49,999	813	0.7671	0.7183 - 0.8159	0.7712	0.731 - 0.8114
\$50-74,999	682	0.8075	0.7654 - 0.8496	0.8043	0.7623 - 0.8462
\$75,000+	684	0.8737	0.8369 - 0.9105	0.8434	0.7831 - 0.9038

# HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005

## CHOLESTEROL AWARENESS: TOLD BY A DOCTOR, NURSE, OR HEALTH PROFESSIONAL THAT BLOOD CHOLESTEROL IS HIGH

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5034	0.3012	0.2828 - 0.3196	0.2919	0.2751 - 0.3088
REGION					
Central	649	0.3016	0.2622 - 0.341	0.3045	0.2688 - 0.3402
Kansas City	976	0.3092	0.2765 - 0.3419	0.3027	0.2733 - 0.3321
Northeast	583	0.3019	0.2574 - 0.3464	0.2829	0.2421 - 0.3236
Northwest	640	0.2528	0.2148 - 0.2908	0.2541	0.2198 - 0.2884
Southeast	561	0.2964	0.2556 - 0.3372	0.2769	0.2407 - 0.3132
Southwest	641	0.3119	0.2678 - 0.356	0.3057	0.262 - 0.3494
St. Louis	931	0.3003	0.2586 - 0.342	0.2889	0.2514 - 0.3263
GENDER					
Female	3070	0.308	0.2839 - 0.3321	0.2907	0.2677 - 0.3136
Male	1964	0.2939	0.2659 - 0.3219	0.2946	0.2699 - 0.3193
RACE					
Black	379	0.228	0.1574 - 0.2986	0.2473	0.1861 - 0.3084
Other	323	0.2357	0.1653 - 0.3061	0.2696	0.1988 - 0.3404
White	4296	0.3147	0.2947 - 0.3347	0.2984	0.2807 - 0.316
EDUCATION					
< HS	627	0.325	0.2725 - 0.3775	0.2903	0.2421 - 0.3385
HS	1873	0.3163	0.2847 - 0.3479	0.2883	0.2609 - 0.3157
> HS	2529	0.2873	0.262 - 0.3126	0.2953	0.2712 - 0.3194
INCOME					
<\$15,000	670	0.3574	0.3002 - 0.4146	0.314	0.2639 - 0.3642
\$15-24,999	877	0.31	0.2665 - 0.3535	0.2945	0.2531 - 0.3359
\$25-34,999	680	0.295	0.2425 - 0.3475	0.2852	0.2321 - 0.3383
\$35-49,999	813	0.2694	0.2278 - 0.311	0.2836	0.2456 - 0.3216
\$50-74,999	681	0.2859	0.2402 - 0.3316	0.289	0.2437 - 0.3343
\$75,000+	682	0.3024	0.2554 - 0.3494	0.2944	0.2501 - 0.3387

HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005 CHOLESTEROL AWARENESS: HAD BLOOD CHOLESTEROL CHECKED IN THE PAST YEAR					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5015	0.549	0.527 - 0.571	0.5369	0.5165 - 0.5573
REGION					
Central	638	0.5083	0.4613 - 0.5553	0.5061	0.463 - 0.5492
Kansas City	972	0.5336	0.4954 - 0.5718	0.5259	0.4897 - 0.5622
Northeast	580	0.4986	0.4445 - 0.5527	0.4695	0.4189 - 0.52
Northwest	642	0.5227	0.4715 - 0.5739	0.529	0.4853 - 0.5727
Southeast	561	0.5123	0.4635 - 0.5611	0.4955	0.4486 - 0.5423
Southwest	641	0.5815	0.5329 - 0.6301	0.5686	0.52 - 0.6173
St. Louis	928	0.5741	0.5235 - 0.6247	0.558	0.5111 - 0.6048
GENDER					
Female	3054	0.5655	0.5386 - 0.5924	0.5444	0.5174 - 0.5715
Male	1961	0.5315	0.4968 - 0.5662	0.5305	0.5002 - 0.5609
RACE					
Black	377	0.6237	0.5473 - 0.7001	0.6232	0.5548 - 0.6916
Other	318	0.5213	0.4278 - 0.6148	0.5528	0.4638 - 0.6417
White	4284	0.5443	0.5208 - 0.5678	0.5245	0.5039 - 0.5451
EDUCATION					
< HS	619	0.5563	0.4951 - 0.6175	0.4968	0.4445 - 0.5492
HS	1867	0.5663	0.5275 - 0.6051	0.5328	0.4985 - 0.5671
> HS	2524	0.5376	0.508 - 0.5672	0.5479	0.5191 - 0.5767
INCOME					
<\$15,000	668	0.5364	0.476 - 0.5968	0.4695	0.4164 - 0.5226
\$15-24,999	875	0.5294	0.4782 - 0.5806	0.4996	0.4512 - 0.548
\$25-34,999	679	0.5432	0.485 - 0.6014	0.5362	0.4776 - 0.5948
\$35-49,999	803	0.5115	0.4601 - 0.5629	0.5247	0.4781 - 0.5714
\$50-74,999	681	0.5618	0.5101 - 0.6135	0.5735	0.5253 - 0.6217
\$75,000+	682	0.5681	0.5144 - 0.6218	0.5785	0.5056 - 0.6514

# HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005 CHOLESTEROL AWARENESS: HAD BLOOD CHOLESTEROL CHECKED IN THE PAST 2 YEARS

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5015	0.1076	0.0943 - 0.1209	0.108	0.0947 - 0.1214
REGION					
Central	638	0.0921	0.0664 - 0.1178	0.0971	0.0704 - 0.1237
Kansas City	972	0.1104	0.0881 - 0.1327	0.1076	0.0852 - 0.1299
Northeast	580	0.1206	0.0896 - 0.1516	0.1242	0.0911 - 0.1573
Northwest	642	0.1001	0.075 - 0.1252	0.1025	0.0766 - 0.1284
Southeast	561	0.0813	0.0562 - 0.1064	0.0802	0.0549 - 0.1055
Southwest	641	0.0907	0.0642 - 0.1172	0.0951	0.0669 - 0.1233
St. Louis	928	0.126	0.0942 - 0.1578	0.125	0.0942 - 0.1557
GENDER					
Female	3054	0.0993	0.0838 - 0.1148	0.1008	0.0849 - 0.1166
Male	1961	0.1165	0.0947 - 0.1383	0.1164	0.0951 - 0.1378
RACE					
Black	377	0.0779	0.0303 - 0.1255	0.0842	0.0379 - 0.1304
Other	318	0.0933	0.0206 - 0.166	0.0971	0.0221 - 0.1722
White	4284	0.1115	0.098 - 0.125	0.1115	0.0977 - 0.1252
EDUCATION					
< HS	619	0.0802	0.0532 - 0.1072	0.0857	0.05 - 0.1213
HS	1867	0.0874	0.069 - 0.1058	0.0867	0.0677 - 0.1058
> HS	2524	0.1251	0.1047 - 0.1455	0.1209	0.1015 - 0.1403
INCOME					
<\$15,000	668	0.0601	0.0393 - 0.0809	0.0534	0.0334 - 0.0734
\$15-24,999	875	0.0991	0.0717 - 0.1265	0.1033	0.0753 - 0.1313
\$25-34,999	679	0.1137	0.0686 - 0.1588	0.1084	0.0674 - 0.1493
\$35-49,999	803	0.1273	0.0922 - 0.1624	0.1238	0.0903 - 0.1573
\$50-74,999	681	0.1166	0.0833 - 0.1499	0.1054	0.0746 - 0.1362
\$75,000+	682	0.1396	0.1028 - 0.1764	0.1217	0.0884 - 0.155

# HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005 CHOLESTEROL AWARENESS: HAD BLOOD CHOLESTEROL CHECKED IN THE PAST 2-5 YEARS

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5015	0.0742	0.0636 - 0.0848	0.0762	0.0652 - 0.0871
REGION					
Central	638	0.0748	0.0503 - 0.0993	0.0767	0.052 - 0.1014
Kansas City	972	0.0852	0.0654 - 0.105	0.0845	0.0649 - 0.1041
Northeast	580	0.0633	0.0363 - 0.0903	0.0713	0.0393 - 0.1032
Northwest	642	0.0874	0.0582 - 0.1166	0.0916	0.0622 - 0.121
Southeast	561	0.0809	0.0544 - 0.1074	0.081	0.054 - 0.1081
Southwest	641	0.0657	0.0439 - 0.0875	0.0679	0.0448 - 0.0911
St. Louis	928	0.0713	0.0478 - 0.0948	0.0729	0.0492 - 0.0966
GENDER					
Female	3054	0.0734	0.0607 - 0.0861	0.0749	0.0618 - 0.088
Male	1961	0.075	0.0581 - 0.0919	0.0761	0.059 - 0.0931
RACE					
Black	377	0.0335	0.0149 - 0.0521	0.0364	0.0168 - 0.056
Other	318	0.0795	0.0313 - 0.1277	0.0809	0.0382 - 0.1237
White	4284	0.0775	0.0659 - 0.0891	0.0794	0.0674 - 0.0914
EDUCATION					
< HS	619	0.0431	0.0259 - 0.0603	0.046	0.0251 - 0.067
HS	1867	0.0692	0.0529 - 0.0855	0.0745	0.0565 - 0.0925
> HS	2524	0.0836	0.0677 - 0.0995	0.0799	0.065 - 0.0948
INCOME					
<\$15,000	668	0.0582	0.0227 - 0.0937	0.0743	0.0226 - 0.126
\$15-24,999	875	0.0668	0.046 - 0.0876	0.0668	0.0456 - 0.0879
\$25-34,999	679	0.0748	0.0491 - 0.1005	0.0837	0.0551 - 0.1124
\$35-49,999	803	0.0666	0.0407 - 0.0925	0.0635	0.0386 - 0.0884
\$50-74,999	681	0.082	0.0551 - 0.1089	0.0747	0.0504 - 0.099
\$75,000+	682	0.099	0.0678 - 0.1302	0.0874	0.0582 - 0.1166

# HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005

## CHOLESTEROL AWARENESS: HAD BLOOD CHOLESTEROL CHECKED 5 YEARS AGO OR LONGER

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5015	0.0454	0.0374 - 0.0534	0.0469	0.0383 - 0.0555
REGION					
Central	638	0.0597	0.0385 - 0.0809	0.0617	0.0402 - 0.0833
Kansas City	972	0.043	0.0275 - 0.0585	0.0432	0.0269 - 0.0595
Northeast	580	0.0479	0.0273 - 0.0685	0.049	0.0272 - 0.0707
Northwest	642	0.0289	0.015 - 0.0428	0.0295	0.015 - 0.044
Southeast	561	0.0492	0.0302 - 0.0682	0.0497	0.0303 - 0.0691
Southwest	641	0.0442	0.0258 - 0.0626	0.0437	0.0255 - 0.062
St. Louis	928	0.0437	0.0263 - 0.0611	0.0465	0.0285 - 0.0646
GENDER					
Female	3054	0.0485	0.0383 - 0.0587	0.0499	0.0391 - 0.0607
Male	1961	0.042	0.0293 - 0.0547	0.0433	0.0302 - 0.0564
RACE					
Black	377	0.0055	0 - 0.0118	0.0067	0 - 0.0143
Other	318	0.0661	0.03 - 0.1022	0.0657	0.0316 - 0.0998
White	4284	0.047	0.0382 - 0.0558	0.0485	0.0389 - 0.0581
EDUCATION					
< HS	619	0.015	0.007 - 0.023	0.0127	0.0057 - 0.0198
HS	1867	0.0348	0.024 - 0.0456	0.0361	0.0245 - 0.0477
> HS	2524	0.0574	0.0447 - 0.0701	0.0551	0.0428 - 0.0675
INCOME					
<\$15,000	668	0.0273	0.0132 - 0.0414	0.0268	0.0121 - 0.0415
\$15-24,999	875	0.0375	0.022 - 0.053	0.0417	0.0247 - 0.0588
\$25-34,999	679	0.0418	0.0238 - 0.0598	0.0451	0.0239 - 0.0662
\$35-49,999	803	0.0588	0.0357 - 0.0819	0.0575	0.035 - 0.0801
\$50-74,999	681	0.0469	0.0265 - 0.0673	0.0506	0.0229 - 0.0782
\$75,000+	682	0.0664	0.0395 - 0.0933	0.0529	0.0323 - 0.0735



## SECTION 5. HYPERTENSION AWARENESS AMONG MISSOURI ADULTS, 2005

### ***Description of BRFSS questions regarding Hypertension Awareness:***

All respondents were asked if they had ever been told by a doctor, nurse or other health professional that they have high blood pressure. Those who had high blood pressure were asked if they were currently taking medicine for their high blood pressure. Hypertension was defined as high blood pressure.

### ***Summary of Hypertension Awareness:***

In 2005, 28% of Missouri adults were told by a health care professional that they have high blood pressure and 78% of them are currently taking medication for high blood pressure. Even though similar numbers of men (29%) and women (28%) were told they have high blood pressure, more women (85%) are taking medication than are men (72%). Respondents of lower education and income levels are more likely to report having high blood pressure than those of higher education and income levels. See the tables below for more detailed information on Hypertension Awareness reporting in Missouri by region, gender, race, education and income.

# HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005 HYPERTENSION AWARENESS: TOLD BY DOCTOR, NURSE, OR OTHER HEALTH PROFESSIONAL HAVE HIGH BLOOD PRESSURE

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4962	0.2821	0.2645 - 0.2997	0.2744	0.2583 - 0.2905
REGION					
Central	635	0.294	0.2534 - 0.3346	0.2938	0.256 - 0.3316
Kansas City	954	0.2645	0.2326 - 0.2964	0.263	0.2328 - 0.2932
Northeast	578	0.3283	0.2813 - 0.3753	0.31	0.2661 - 0.3539
Northwest	640	0.2942	0.2526 - 0.3358	0.2919	0.2564 - 0.3274
Southeast	558	0.3447	0.3004 - 0.389	0.3177	0.2791 - 0.3563
Southwest	640	0.3217	0.2768 - 0.3666	0.3132	0.2681 - 0.3583
St. Louis	906	0.2434	0.2062 - 0.2806	0.2366	0.2041 - 0.2692
GENDER					
Female	3021	0.2768	0.2547 - 0.2989	0.2538	0.2346 - 0.273
Male	1941	0.2877	0.2597 - 0.3157	0.2941	0.2682 - 0.32
RACE					
Black	375	0.3235	0.2576 - 0.3894	0.358	0.3047 - 0.4113
Other	326	0.2645	0.191 - 0.338	0.2958	0.224 - 0.3675
White	4226	0.2803	0.2613 - 0.2993	0.2674	0.2498 - 0.285
EDUCATION					
< HS	630	0.4185	0.3621 - 0.4749	0.38	0.3152 - 0.4449
HS	1843	0.3125	0.2815 - 0.3435	0.2852	0.2568 - 0.3136
> HS	2484	0.2358	0.2127 - 0.2589	0.2546	0.233 - 0.2761
INCOME					
<\$15,000	669	0.4346	0.375 - 0.4942	0.3876	0.3262 - 0.4489
\$15-24,999	849	0.3486	0.3025 - 0.3947	0.3305	0.2868 - 0.3742
\$25-34,999	667	0.3144	0.2632 - 0.3656	0.3053	0.2547 - 0.3559
\$35-49,999	800	0.2454	0.2056 - 0.2852	0.2552	0.2176 - 0.2928
\$50-74,999	668	0.2502	0.2071 - 0.2933	0.2668	0.2209 - 0.3126
\$75,000+	666	0.172	0.1355 - 0.2085	0.205	0.1656 - 0.2444

# HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005 HYPERTENSION AWARENESS: CURRENTLY TAKING MEDICINE FOR HIGH BLOOD PRESSURE

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	1777	0.7821	0.7505 - 0.8137	0.6504	0.6016 - 0.6992
REGION					
Central	224	0.722	0.6403 - 0.8037	0.5879	0.4968 - 0.679
Kansas City	314	0.7598	0.6908 - 0.8288	0.6311	0.5149 - 0.7474
Northeast	237	0.7783	0.7034 - 0.8532	0.5738	0.4688 - 0.6789
Northwest	219	0.7294	0.6561 - 0.8027	0.5095	0.4366 - 0.5824
Southeast	237	0.8277	0.7695 - 0.8859	0.7124	0.5953 - 0.8294
Southwest	236	0.7616	0.6814 - 0.8418	0.6647	0.5532 - 0.7762
St. Louis	310	0.8226	0.7515 - 0.8937	0.684	0.5876 - 0.7805
GENDER					
Female	1090	0.8447	0.8061 - 0.8833	0.7374	0.6691 - 0.8056
Male	687	0.718	0.6682 - 0.7678	0.6034	0.5413 - 0.6656
RACE					
Black	178	0.817	0.7298 - 0.9042	0.7633	0.6432 - 0.8835
Other	112	0.706	0.54 - 0.872	0.6419	0.4771 - 0.8067
White	1475	0.7844	0.7511 - 0.8177	0.6519	0.6002 - 0.7037
EDUCATION					
< HS	330	0.8372	0.7723 - 0.9021	0.6215	0.5043 - 0.7387
HS	718	0.8015	0.7568 - 0.8462	0.6617	0.5811 - 0.7422
> HS	727	0.7463	0.6936 - 0.799	0.6426	0.5768 - 0.7085
INCOME					
<\$15,000	341	0.7833	0.6779 - 0.8887	0.6097	0.4859 - 0.7336
\$15-24,999	350	0.7975	0.7363 - 0.8587	0.648	0.5351 - 0.7609
\$25-34,999	248	0.7734	0.6905 - 0.8563	0.6601	0.5399 - 0.7802
\$35-49,999	237	0.7884	0.7045 - 0.8723	0.6912	0.5791 - 0.8034
\$50-74,999	182	0.7657	0.6814 - 0.85	0.6578	0.5426 - 0.7731
\$75,000+	146	0.8088	0.7196 - 0.898	0.7744	0.641 - 0.9079

## SECTION 6. SERVINGS OF FRUITS AND VEGETABLES AMONG MISSOURI ADULTS, 2005

### ***Description of BRFSS questions regarding Servings of Fruits and Vegetables:***

All respondents were asked the total number of servings of fruits and vegetables they consumed per day.

### ***Summary of Servings of Fruits and Vegetables:***

In 2005, 23% of Missouri adults reported eating at least 5 servings of fruits and vegetables per day in the past year. More women (26%) reported eating at least 5 servings of fruits and vegetables per day than did men (18%). See the table below for more detailed information on Servings of Fruits and Vegetables reporting in Missouri by region, gender, race, education and income.

### ***5 A Day for Better Health***



The 5 A Day for Better Health program was developed in 1991 as a partnership between the National Cancer Institute and the Produce for Better Health Foundation. The purpose is for government agencies, not-for-profit groups, and industry to collaborate to expand 5 A Day efforts to increase consumption of fruits and vegetables for improved public health.

The Missouri Department of Health and Senior Services is the lead agency to coordinate 5 A Day programs within our state to reach consumers with the 5 A Day message. The national partnership is implemented at the community level through statewide partnerships and coalitions involving a diverse group of industry, government, businesses, organizations, and agencies interested in furthering 5 A Day in Missouri.

According to the Healthy People 2010 objectives published by the U.S. Department of Health and Human Services the national 5 A Day for Better Health program seeks to increase the number of servings of fruits and vegetables consumed each day to a minimum of five a day for 75 percent of Americans by 2010. Along with this main goal, the program works to inform Missourians that eating fruits and vegetables can improve their health and may reduce their risk of cancer. Another objective is to show easy ways to add more fruits and vegetables to one's daily eating pattern.

This information originated from the DHSS website at [http://www.dhss.mo.gov/Nutrition\\_Everyone/index.html](http://www.dhss.mo.gov/Nutrition_Everyone/index.html) and <http://www.dhss.mo.gov/5aday/index.html>

# HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005

## FRUITS AND VEGETABLES: EAT 5 OR MORE SERVINGS OF FRUITS AND VEGETABLES PER DAY

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5073	0.2258	0.208 - 0.2436	0.2262	0.2082 - 0.2443
REGION					
Central	648	0.2141	0.1784 - 0.2498	0.2173	0.1816 - 0.253
Kansas City	975	0.2156	0.1856 - 0.2456	0.216	0.1857 - 0.2464
Northeast	591	0.2343	0.1929 - 0.2757	0.2251	0.1835 - 0.2666
Northwest	649	0.2264	0.1872 - 0.2656	0.2284	0.1906 - 0.2663
Southeast	572	0.1865	0.1483 - 0.2247	0.1863	0.1469 - 0.2257
Southwest	653	0.2085	0.1705 - 0.2465	0.2062	0.1674 - 0.245
St. Louis	934	0.2499	0.2083 - 0.2915	0.2509	0.2091 - 0.2926
GENDER					
Female	3107	0.2646	0.2403 - 0.2889	0.2615	0.2364 - 0.2866
Male	1966	0.1837	0.1582 - 0.2092	0.1878	0.1622 - 0.2135
RACE					
Black	377	0.2209	0.1521 - 0.2897	0.2162	0.1545 - 0.2779
Other	325	0.2794	0.189 - 0.3698	0.2772	0.2037 - 0.3507
White	4337	0.2207	0.2025 - 0.2389	0.2195	0.2009 - 0.2381
EDUCATION					
< HS	645	0.1671	0.1261 - 0.2081	0.1316	0.0942 - 0.169
HS	1884	0.1776	0.1507 - 0.2045	0.1705	0.1431 - 0.198
> HS	2540	0.2673	0.241 - 0.2936	0.2736	0.2474 - 0.2999
INCOME					
<\$15,000	689	0.1953	0.1506 - 0.24	0.1749	0.1318 - 0.218
\$15-24,999	877	0.2417	0.198 - 0.2854	0.2257	0.183 - 0.2684
\$25-34,999	687	0.1895	0.1509 - 0.2281	0.1893	0.1503 - 0.2283
\$35-49,999	810	0.2017	0.1601 - 0.2433	0.202	0.1594 - 0.2445
\$50-74,999	687	0.2448	0.1978 - 0.2918	0.2481	0.2021 - 0.2942
\$75,000+	685	0.2791	0.2272 - 0.331	0.2813	0.212 - 0.3507

## SECTION 7. PHYSICAL ACTIVITY AMONG MISSOURI ADULTS, 2005

### ***Description of BRFSS questions regarding Physical Activity:***

All respondents were asked about their level and length of physical activity, both at work and outside of work in the past 30 days. This analysis included percentages of adults who, outside of work activities, engage in physical activity not at all, moderately, and vigorously. Moderate physical activity was defined as anything that causes small increases in breathing or heart rate for at least 10 minutes at a time. Vigorous physical activity was defined as anything that causes large increases in breathing or heart rate for at least 10 minutes at a time. Residents reporting no physical activity at work and outside of work were defined as “at risk” because of physical inactivity.

### ***Summary of Physical Activity:***

In 2005, 25% of Missouri adults reported having no leisure time physical activity, 86% reported moderated physical activity, and 50% reported vigorous physical activity within the prior 30 days. Eight percent reported no physical activity at work or outside of work in the prior 30 days. Reporting did not vary by gender or race, but did yield difference for education and income levels. More residents of lower education and income levels more often reported having no physical activity in the prior 30 days than did those with more education and income. Rates of physical activity while at work ranged from 36% (mostly sitting) to 9% (mostly standing or walking and heavy labor). More residents of higher education and income levels reported lower levels of physical activity while at work, i.e. mostly sitting or standing. See the tables below for more detailed information on Physical Activity reporting in Missouri by region, gender, race, education and income.

### ***Additional Information about Physical Activity:***

Physical activity benefits Missourians of all ages. It improves our quality of life and increases our sense of well-being. Physical activity helps build and maintain strong muscles, bones, and joints; it reduces risk for chronic disease, and helps prevent unwanted weight gain. Physical activity also reduces stress and anxiety. According to the Centers for Disease Control and Prevention, people of all ages can improve their health and well-being by becoming “moderately” active on a regular basis. An example of “moderate-intensity” activity would be walking briskly. “Regular” activity means being active on most days of the week, preferably daily.

***Children and teens*** need at least 60 minutes of physical activity every day to build strength and endurance, and improve motor skills and coordination. Physical activity helps build lean muscle and strong bones, while reducing the risk for type 2 diabetes and unhealthy weight gain. In addition, physical activity can improve mental alertness, reduce stress, enhance school performance, and boost self-esteem. ***Adults*** need at least 30 minutes of moderate-intensity physical activity 5 or more days a week to reduce the risk of chronic disease. However, for most people, greater health benefits can be obtained by engaging in physical activity of more vigorous intensity or longer duration. To help manage body weight and prevent gradual, unhealthy body weight gain in adulthood, the 2005 U.S. Dietary Guidelines advise 60 minutes of moderate- to vigorous-intensity activity on most days of the week. To sustain weight loss, at least 60 to 90 minutes of daily activity is needed. ***Disabled***

**individuals** find that physical activity improves stamina, muscle strength and psychological well being. **Older adults and seniors** benefit from physical activity because it helps prolong our ability to live independently. Muscle strengthening exercises can reduce the risk of falling. Increased physical activity has been associated with an increased life expectancy, and overall physical, psychological and social benefits.

This information originated from the DHSS website at <http://www.dhss.mo.gov/PhysicalActivity/>

HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005					
PHYSICAL ACTIVITY: NO PHYSICAL ACTIVITY – AT RISK					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5057	0.0849	0.0696 - 0.1002	0.0824	0.0679 - 0.0969
REGION					
Central	645	0.0852	0.0601 - 0.1103	0.0836	0.0595 - 0.1078
Kansas City	978	0.0815	0.0621 - 0.1009	0.0836	0.0634 - 0.1037
Northeast	590	0.0735	0.0472 - 0.0998	0.0685	0.04 - 0.0969
Northwest	644	0.065	0.046 - 0.084	0.0647	0.0462 - 0.0831
Southeast	574	0.1179	0.0867 - 0.1491	0.111	0.0809 - 0.1412
Southwest	644	0.075	0.0519 - 0.0981	0.073	0.0501 - 0.096
St. Louis	928	0.0855	0.0465 - 0.1245	0.0838	0.0466 - 0.1211
GENDER					
Female	3087	0.0734	0.0611 - 0.0857	0.0696	0.0573 - 0.082
Male	1970	0.0973	0.0687 - 0.1259	0.0958	0.0701 - 0.1215
RACE					
Black	374	0.1099	0.0701 - 0.1497	0.1271	0.0855 - 0.1686
Other	327	0.1045	0.0524 - 0.1566	0.1066	0.0548 - 0.1583
White	4318	0.0798	0.0627 - 0.0969	0.0769	0.0599 - 0.094
EDUCATION					
< HS	629	0.15	0.1147 - 0.1853	0.1277	0.0924 - 0.163
HS	1875	0.1076	0.0704 - 0.1448	0.1026	0.0687 - 0.1365
> HS	2548	0.0583	0.0448 - 0.0718	0.0598	0.0465 - 0.0731
INCOME					
<\$15,000	681	0.1911	0.1433 - 0.2389	0.1705	0.1248 - 0.2161
\$15-24,999	869	0.0983	0.072 - 0.1246	0.095	0.0693 - 0.1206
\$25-34,999	686	0.0723	0.048 - 0.0966	0.0709	0.0466 - 0.0952
\$35-49,999	808	0.059	0.0372 - 0.0808	0.0597	0.0395 - 0.0799
\$50-74,999	689	0.0526	0.0285 - 0.0767	0.0594	0.0285 - 0.0904
\$75,000+	688	0.0307	0.015 - 0.0464	0.0346	0.0162 - 0.053



HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005					
PHYSICAL ACTIVITY: NO PHYSICAL ACTIVITY PAST 30 DAYS					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5161	0.2541	0.2351 - 0.2731	0.2505	0.2315 - 0.2695
REGION					
Central	660	0.268	0.2266 - 0.3094	0.2685	0.2279 - 0.309
Kansas City	996	0.2716	0.2381 - 0.3051	0.2731	0.2386 - 0.3076
Northeast	596	0.2656	0.2223 - 0.3089	0.26	0.2153 - 0.3047
Northwest	661	0.264	0.2244 - 0.3036	0.2619	0.2259 - 0.298
Southeast	584	0.3241	0.2796 - 0.3686	0.3222	0.2773 - 0.3671
Southwest	659	0.2482	0.2086 - 0.2878	0.2415	0.2021 - 0.2809
St. Louis	951	0.2197	0.1754 - 0.264	0.2166	0.1725 - 0.2607
GENDER					
Female	3159	0.2683	0.2454 - 0.2912	0.2606	0.2383 - 0.283
Male	2002	0.2387	0.2075 - 0.2699	0.2377	0.2075 - 0.2679
RACE					
Black	389	0.3014	0.2369 - 0.3659	0.3252	0.265 - 0.3853
Other	333	0.297	0.2151 - 0.3789	0.2967	0.2203 - 0.3731
White	4400	0.2457	0.2251 - 0.2663	0.2401	0.219 - 0.2613
EDUCATION					
< HS	658	0.4395	0.3827 - 0.4963	0.4424	0.376 - 0.5089
HS	1923	0.3258	0.2878 - 0.3638	0.3232	0.2843 - 0.362
> HS	2575	0.1721	0.1513 - 0.1929	0.1743	0.1539 - 0.1947
INCOME					
<\$15,000	703	0.4598	0.3994 - 0.5202	0.4568	0.3886 - 0.525
\$15-24,999	895	0.3319	0.2876 - 0.3762	0.3314	0.2885 - 0.3743
\$25-34,999	695	0.2362	0.1921 - 0.2803	0.236	0.1919 - 0.2801
\$35-49,999	823	0.2188	0.1796 - 0.258	0.2212	0.1824 - 0.26
\$50-74,999	692	0.1981	0.1585 - 0.2377	0.2012	0.1548 - 0.2477
\$75,000+	692	0.1203	0.0913 - 0.1493	0.1244	0.093 - 0.1557

HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005					
PHYSICAL ACTIVITY: MODERATE PHYSICAL ACTIVITY PAST 30 DAYS					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5024	0.8605	0.8433 - 0.8777	0.8632	0.8462 - 0.8803
REGION					
Central	642	0.8747	0.8451 - 0.9043	0.8763	0.8479 - 0.9047
Kansas City	964	0.8528	0.8261 - 0.8795	0.8509	0.8235 - 0.8783
Northeast	587	0.8773	0.844 - 0.9106	0.8865	0.852 - 0.921
Northwest	640	0.8933	0.8668 - 0.9198	0.8954	0.8703 - 0.9205
Southeast	570	0.8104	0.7724 - 0.8484	0.8187	0.7809 - 0.8565
Southwest	645	0.8736	0.8422 - 0.905	0.8743	0.8418 - 0.9069
St. Louis	925	0.8623	0.8202 - 0.9044	0.8629	0.8215 - 0.9042
GENDER					
Female	3081	0.8812	0.8647 - 0.8977	0.8863	0.8698 - 0.9027
Male	1943	0.8378	0.8068 - 0.8688	0.8396	0.8103 - 0.8688
RACE					
Black	370	0.8263	0.7755 - 0.8771	0.8021	0.7515 - 0.8526
Other	324	0.7947	0.7253 - 0.8641	0.7899	0.7222 - 0.8575
White	4296	0.8707	0.8517 - 0.8897	0.8741	0.8549 - 0.8933
EDUCATION					
< HS	637	0.7956	0.7554 - 0.8358	0.826	0.7829 - 0.8691
HS	1864	0.8305	0.7915 - 0.8695	0.8359	0.7985 - 0.8734
> HS	2519	0.8915	0.8735 - 0.9095	0.8889	0.8709 - 0.9069
INCOME					
<\$15,000	685	0.7527	0.6986 - 0.8068	0.7658	0.7043 - 0.8274
\$15-24,999	869	0.8597	0.8287 - 0.8907	0.8629	0.832 - 0.8939
\$25-34,999	678	0.8753	0.8424 - 0.9082	0.8752	0.8411 - 0.9093
\$35-49,999	804	0.8738	0.842 - 0.9056	0.8722	0.8421 - 0.9024
\$50-74,999	686	0.9197	0.8913 - 0.9481	0.903	0.8642 - 0.9418
\$75,000+	679	0.9181	0.8873 - 0.9489	0.9087	0.8616 - 0.9557

HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005					
PHYSICAL ACTIVITY: VIGOROUS PHYSICAL ACTIVITY PAST 30 DAYS					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4986	0.4979	0.4761 - 0.5197	0.5062	0.4844 - 0.528
REGION					
Central	635	0.5312	0.4847 - 0.5777	0.5262	0.4813 - 0.5711
Kansas City	958	0.4725	0.4345 - 0.5105	0.4755	0.437 - 0.5139
Northeast	582	0.4467	0.3932 - 0.5002	0.4605	0.4062 - 0.5148
Northwest	639	0.5019	0.4509 - 0.5529	0.503	0.4587 - 0.5473
Southeast	566	0.4268	0.3778 - 0.4758	0.441	0.3935 - 0.4884
Southwest	638	0.5208	0.4732 - 0.5684	0.5361	0.4891 - 0.5831
St. Louis	917	0.518	0.468 - 0.568	0.5225	0.4733 - 0.5717
GENDER					
Female	3059	0.4153	0.3881 - 0.4425	0.4302	0.4035 - 0.4568
Male	1927	0.5882	0.5533 - 0.6231	0.59	0.5563 - 0.6237
RACE					
Black	361	0.4076	0.3237 - 0.4915	0.3931	0.3177 - 0.4686
Other	324	0.503	0.4101 - 0.5959	0.4873	0.4042 - 0.5704
White	4267	0.5054	0.4821 - 0.5287	0.517	0.4928 - 0.5411
EDUCATION					
< HS	634	0.3645	0.3055 - 0.4235	0.4359	0.363 - 0.5088
HS	1842	0.4218	0.3851 - 0.4585	0.4441	0.4049 - 0.4833
> HS	2506	0.57	0.541 - 0.599	0.5599	0.5315 - 0.5883
INCOME					
<\$15,000	676	0.2671	0.2132 - 0.321	0.2817	0.2233 - 0.3402
\$15-24,999	862	0.4364	0.3841 - 0.4887	0.4624	0.412 - 0.5127
\$25-34,999	674	0.5261	0.4693 - 0.5829	0.52	0.4663 - 0.5737
\$35-49,999	798	0.5211	0.4703 - 0.5719	0.5164	0.4659 - 0.567
\$50-74,999	681	0.5905	0.5407 - 0.6403	0.5815	0.5264 - 0.6366
\$75,000+	675	0.6526	0.6028 - 0.7024	0.627	0.5635 - 0.6905

# HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005 PHYSICAL ACTIVITY: PHYSICAL ACTIVITY AT WORK (MOSTLY SITTING OR STANDING)

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5064	0.3557	0.3349 - 0.3765	0.3636	0.3438 - 0.3834
REGION					
Central	645	0.3643	0.3186 - 0.41	0.3708	0.3271 - 0.4145
Kansas City	979	0.3681	0.3318 - 0.4044	0.3661	0.3312 - 0.401
Northeast	591	0.298	0.2517 - 0.3443	0.3202	0.2729 - 0.3674
Northwest	649	0.3007	0.2562 - 0.3452	0.3213	0.2787 - 0.3638
Southeast	570	0.2505	0.2091 - 0.2919	0.2717	0.2278 - 0.3156
Southwest	648	0.3229	0.278 - 0.3678	0.3331	0.287 - 0.3792
St. Louis	932	0.399	0.3514 - 0.4466	0.3986	0.3552 - 0.4419
GENDER					
Female	3112	0.3521	0.3266 - 0.3776	0.367	0.3417 - 0.3923
Male	1952	0.3597	0.3266 - 0.3928	0.36	0.3295 - 0.3906
RACE					
Black	373	0.3189	0.2423 - 0.3955	0.3078	0.2409 - 0.3746
Other	328	0.3998	0.3081 - 0.4915	0.4103	0.3301 - 0.4904
White	4328	0.3569	0.3349 - 0.3789	0.366	0.3445 - 0.3876
EDUCATION					
< HS	649	0.1467	0.0961 - 0.1973	0.1844	0.1305 - 0.2383
HS	1888	0.2878	0.2559 - 0.3197	0.3095	0.2758 - 0.3432
> HS	2522	0.4401	0.4105 - 0.4697	0.4161	0.3899 - 0.4424
INCOME					
<\$15,000	694	0.1106	0.0645 - 0.1567	0.1304	0.0775 - 0.1834
\$15-24,999	879	0.2455	0.203 - 0.288	0.293	0.2465 - 0.3394
\$25-34,999	687	0.3378	0.2806 - 0.395	0.3522	0.2976 - 0.4069
\$35-49,999	805	0.3905	0.3403 - 0.4407	0.3765	0.3283 - 0.4248
\$50-74,999	680	0.4522	0.3999 - 0.5045	0.3965	0.3467 - 0.4463
\$75,000+	679	0.5965	0.5422 - 0.6508	0.5218	0.4612 - 0.5823

HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005 PHYSICAL ACTIVITY: PHYSICAL ACTIVITY AT WORK (MOSTLY WALKING) Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5064	0.1481	0.1287 - 0.1675	0.1506	0.1316 - 0.1696
REGION					
Central	645	0.1186	0.0886 - 0.1486	0.1201	0.0899 - 0.1502
Kansas City	979	0.146	0.119 - 0.173	0.1448	0.1176 - 0.1721
Northeast	591	0.1284	0.0955 - 0.1613	0.1431	0.1069 - 0.1794
Northwest	649	0.1177	0.0875 - 0.1479	0.1224	0.0918 - 0.153
Southeast	570	0.1434	0.1069 - 0.1799	0.1462	0.1093 - 0.183
Southwest	648	0.1481	0.1101 - 0.1861	0.1592	0.1194 - 0.199
St. Louis	932	0.1674	0.1196 - 0.2152	0.17	0.1253 - 0.2147
GENDER					
Female	3112	0.137	0.1147 - 0.1593	0.1419	0.1192 - 0.1647
Male	1952	0.1603	0.128 - 0.1926	0.1588	0.1288 - 0.1888
RACE					
Black	373	0.2067	0.1373 - 0.2761	0.2011	0.1396 - 0.2627
Other	328	0.1405	0.0529 - 0.2281	0.1235	0.0677 - 0.1794
White	4328	0.1445	0.1237 - 0.1653	0.1487	0.1275 - 0.1699
EDUCATION					
< HS	649	0.0778	0.0492 - 0.1064	0.1091	0.0664 - 0.1518
HS	1888	0.1581	0.1175 - 0.1987	0.1681	0.1299 - 0.2063
> HS	2522	0.1568	0.1327 - 0.1809	0.1482	0.1251 - 0.1713
INCOME					
<\$15,000	694	0.0678	0.0449 - 0.0907	0.0718	0.0465 - 0.0971
\$15-24,999	879	0.1236	0.0893 - 0.1579	0.1376	0.1019 - 0.1733
\$25-34,999	687	0.1651	0.1183 - 0.2119	0.1704	0.1257 - 0.215
\$35-49,999	805	0.1581	0.1171 - 0.1991	0.158	0.117 - 0.1989
\$50-74,999	680	0.1756	0.1329 - 0.2183	0.152	0.112 - 0.192
\$75,000+	679	0.1548	0.107 - 0.2026	0.1611	0.0988 - 0.2234

HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005 PHYSICAL ACTIVITY: PHYSICAL ACTIVITY AT WORK (HEAVY LABOR)					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5064	0.0998	0.0873 - 0.1123	0.1023	0.0894 - 0.1153
REGION					
Central	645	0.1413	0.1041 - 0.1785	0.1427	0.1073 - 0.1782
Kansas City	979	0.0897	0.0654 - 0.114	0.0898	0.0653 - 0.1143
Northeast	591	0.1124	0.0793 - 0.1455	0.1201	0.0849 - 0.1554
Northwest	649	0.1757	0.1351 - 0.2163	0.1784	0.1386 - 0.2182
Southeast	570	0.1272	0.0905 - 0.1639	0.1424	0.1026 - 0.1822
Southwest	648	0.1299	0.0954 - 0.1644	0.134	0.0986 - 0.1695
St. Louis	932	0.0637	0.0398 - 0.0876	0.0637	0.0402 - 0.0872
GENDER					
Female	3112	0.0442	0.0338 - 0.0546	0.0463	0.0355 - 0.0571
Male	1952	0.1607	0.1372 - 0.1842	0.1605	0.1372 - 0.1839
RACE					
Black	373	0.0645	0.0304 - 0.0986	0.0664	0.0323 - 0.1005
Other	328	0.0944	0.0513 - 0.1375	0.0866	0.0497 - 0.1234
White	4328	0.1042	0.0901 - 0.1183	0.108	0.0933 - 0.1227
EDUCATION					
< HS	649	0.1169	0.072 - 0.1618	0.1867	0.1183 - 0.2551
HS	1888	0.1272	0.1051 - 0.1493	0.1418	0.1169 - 0.1666
> HS	2522	0.0798	0.0639 - 0.0957	0.0755	0.0605 - 0.0906
INCOME					
<\$15,000	694	0.0515	0.0243 - 0.0787	0.0686	0.0314 - 0.1059
\$15-24,999	879	0.093	0.0665 - 0.1195	0.1089	0.0781 - 0.1397
\$25-34,999	687	0.1259	0.0847 - 0.1671	0.1318	0.09 - 0.1735
\$35-49,999	805	0.1427	0.1072 - 0.1782	0.1395	0.1042 - 0.1748
\$50-74,999	680	0.1473	0.1085 - 0.1861	0.1377	0.0966 - 0.1789
\$75,000+	679	0.0622	0.0359 - 0.0885	0.0525	0.0315 - 0.0735

## SECTION 8. WEIGHT CONTROL AMONG MISSOURI ADULTS, 2005

### ***Description of BRFSS questions regarding Weight Control:***

All respondents' self-reported height and weight. Body Mass Index (BMI), weight in kilograms divided by height in meters squared, were calculated for all adults. Using Healthy People 2010 (HP 2010) standards, both men and women were defined as overweight with a BMI >25, and obese with a BMI >30.

### ***Summary of Weight Control:***

In 2005, 36% of Missouri adults were overweight and 26% were obese based on HP2010 standards. See the tables below for more detailed information on overweight and obesity reporting in Missouri by region, gender, race, education and income.

### ***Overweight & Obesity***

The incidence of overweight and obese has dramatically increased in this country in the past 30 years. These conditions know no boundaries and impact both genders, all races and ethnicities, all socioeconomic groups, adults, and children. Failing to maintain a healthy weight can have serious health consequences that impact pregnancy outcomes, early childhood development, and the prevalence of acute and chronic conditions that compromise the quality and length of life. Healthful eating and regular physical activity are two critical components in achieving and maintaining good health.

This information originated from the DHSS website at <http://www.dhss.mo.gov/Obesity/index.html>

HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005					
WEIGHT CONTROL AND OBESITY: OVERWEIGHT (25≤BMI<30)					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5027	0.3648	0.343 - 0.3866	0.3635	0.3416 - 0.3855
REGION					
Central	642	0.4097	0.3636 - 0.4558	0.4132	0.3677 - 0.4586
Kansas City	970	0.3627	0.3264 - 0.399	0.3623	0.3264 - 0.3981
Northeast	578	0.3401	0.2921 - 0.3881	0.3386	0.2909 - 0.3862
Northwest	642	0.3637	0.3161 - 0.4113	0.3664	0.3207 - 0.4121
Southeast	573	0.3671	0.3197 - 0.4145	0.3697	0.3201 - 0.4193
Southwest	644	0.3694	0.3224 - 0.4164	0.3663	0.3181 - 0.4145
St. Louis	926	0.3492	0.2984 - 0.4	0.3479	0.2975 - 0.3983
GENDER					
Female	3031	0.2993	0.273 - 0.3256	0.2954	0.2689 - 0.3218
Male	1996	0.433	0.3987 - 0.4673	0.4342	0.3997 - 0.4687
RACE					
Black	371	0.4269	0.3454 - 0.5084	0.4293	0.3546 - 0.504
Other	326	0.3309	0.229 - 0.4328	0.3326	0.2405 - 0.4247
White	4295	0.3631	0.3402 - 0.386	0.3603	0.3366 - 0.384
EDUCATION					
< HS	646	0.3661	0.3089 - 0.4233	0.3972	0.3288 - 0.4657
HS	1864	0.3688	0.3296 - 0.408	0.366	0.3261 - 0.406
> HS	2513	0.3619	0.3329 - 0.3909	0.3666	0.3378 - 0.3954
INCOME					
<\$15,000	686	0.3272	0.269 - 0.3854	0.3294	0.2617 - 0.397
\$15-24,999	882	0.3532	0.3071 - 0.3993	0.3396	0.2935 - 0.3856
\$25-34,999	683	0.3542	0.2966 - 0.4118	0.3634	0.3064 - 0.4204
\$35-49,999	803	0.3561	0.3071 - 0.4051	0.3594	0.31 - 0.4087
\$50-74,999	683	0.3751	0.3247 - 0.4255	0.3897	0.3362 - 0.4432
\$75,000+	685	0.4042	0.3503 - 0.4581	0.4294	0.3588 - 0.4999



HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005					
WEIGHT CONTROL AND OBESITY: OBESE (BMI <sub>≥</sub> 30)					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5027	0.2626	0.2448 - 0.2804	0.2623	0.2445 - 0.2801
REGION					
Central	642	0.2637	0.2235 - 0.3039	0.264	0.2248 - 0.3032
Kansas City	970	0.277	0.2425 - 0.3115	0.272	0.2371 - 0.3068
Northeast	578	0.2798	0.2326 - 0.327	0.2885	0.24 - 0.3369
Northwest	642	0.2783	0.236 - 0.3206	0.2857	0.2442 - 0.3273
Southeast	573	0.2973	0.2552 - 0.3394	0.2989	0.2561 - 0.3416
Southwest	644	0.2615	0.2188 - 0.3042	0.2614	0.2179 - 0.3049
St. Louis	926	0.2428	0.204 - 0.2816	0.2404	0.2027 - 0.278
GENDER					
Female	3031	0.2555	0.2335 - 0.2775	0.2526	0.2309 - 0.2744
Male	1996	0.27	0.2414 - 0.2986	0.2717	0.2436 - 0.2997
RACE					
Black	371	0.3045	0.2345 - 0.3745	0.3137	0.25 - 0.3774
Other	326	0.2665	0.1954 - 0.3376	0.2536	0.1901 - 0.3171
White	4295	0.2593	0.2401 - 0.2785	0.2588	0.2394 - 0.2782
EDUCATION					
< HS	646	0.2728	0.2222 - 0.3234	0.2772	0.2217 - 0.3326
HS	1864	0.2748	0.2452 - 0.3044	0.2787	0.2495 - 0.3079
> HS	2513	0.2534	0.2283 - 0.2785	0.2466	0.2223 - 0.2709
INCOME					
<\$15,000	686	0.3332	0.2783 - 0.3881	0.3298	0.27 - 0.3896
\$15-24,999	882	0.2624	0.2203 - 0.3045	0.2813	0.2364 - 0.3262
\$25-34,999	683	0.2622	0.2165 - 0.3079	0.2674	0.2213 - 0.3135
\$35-49,999	803	0.2968	0.2513 - 0.3423	0.2893	0.2464 - 0.3322
\$50-74,999	683	0.2861	0.2367 - 0.3355	0.268	0.2182 - 0.3178
\$75,000+	685	0.1979	0.1585 - 0.2373	0.1744	0.1399 - 0.2089

## SECTION 9. IMMUNIZATIONS AMONG MISSOURI ADULTS, 2005

### ***Description of BRFSS questions regarding Immunizations:***

All respondents were asked whether they had received a flu vaccination (injection or nasal spray) in the past 12 months and whether they had ever received a pneumonia vaccination. In this analysis, we examined the percentage of adults age 65 and older that had either a flu vaccine or a pneumonia vaccination in the past year.

### ***Summary of Immunizations:***

In 2005, 62% of Missouri adults age 65 and older received a flu injection vaccine within the last year, 6% had received a nasal flu vaccine, and 65% reported ever receiving a pneumonia vaccination. See the tables below for more detailed information on Immunization reporting in Missouri by region, gender, race, education and income.

### ***Additional information about Immunizations:***

Influenza and pneumonia are still the seventh-leading cause of death in Missouri and the nation. Ninety percent of the 1,594 deaths in Missouri in 2004 occurred in people over 65. Flu vaccine is 50-60 percent effective in preventing hospitalization in this group and 80 percent effective in preventing death. [Missouri's health care providers](#), along with the Missouri Department of Health and Senior Services and other state, federal, and local agencies, are implementing many efforts to immunize this population, which would greatly reduce influenza disease and its frequent complications among this group of people.

[Vaccines](#) have all but eliminated most of these diseases, saving untold numbers of lives and millions of dollars in health care costs. However, people must receive immunizations before vaccines can work. [Missouri's immunization program](#) is working with public and private health care providers to immunize 90 percent of Missouri's children by the time they are two years old with recommended vaccines. In achieving this goal, [vaccine-preventable diseases](#) will be reduced or eliminated.

An important part of this effort is to assure that immunizations are available to children and adults who have no way to pay for them. Through the federally funded [Vaccines for Children program](#), [local public health agencies](#) and private medical offices give free vaccine to those through age 18 who have no insurance and those who are on Medicaid.

Vaccines are safe and effective. Many agencies and organizations have developed excellent information about how vaccines work, when people should receive them, and the benefits of being protected from vaccine-preventable diseases. This website and the many sources linked to it provide the general public and health care providers with reliable information on vaccines and immunizations.

This information originated from the DHSS website at <http://www.dhss.mo.gov/Immunizations/>

<b>HEALTH RISKS &amp; PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005</b> <b>IMMUNIZATIONS: AGE 65+, FLU SHOT IN THE PAST 12 MONTHS</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	1443	0.6172	0.5811 - 0.6533	0.6174	0.5814 - 0.6535
REGION					
Central	175	0.6425	0.5647 - 0.7203	0.6425	0.5647 - 0.7203
Kansas City	277	0.5607	0.496 - 0.6254	0.5607	0.496 - 0.6254
Northeast	199	0.691	0.621 - 0.761	0.691	0.6211 - 0.761
Northwest	167	0.5992	0.5159 - 0.6825	0.5992	0.5159 - 0.6825
Southeast	174	0.6289	0.5495 - 0.7083	0.6289	0.5495 - 0.7083
Southwest	198	0.6968	0.6257 - 0.7679	0.6968	0.6257 - 0.768
St. Louis	237	0.5782	0.4902 - 0.6662	0.5788	0.4908 - 0.6668
GENDER					
Female	939	0.5959	0.5493 - 0.6425	0.5962	0.5494 - 0.6431
Male	504	0.6475	0.5912 - 0.7038	0.6475	0.5913 - 0.7038
RACE					
Black	79	0.4809	0.3212 - 0.6406	0.4809	0.3212 - 0.6407
Other	82	0.6062	0.461 - 0.7514	0.6099	0.4643 - 0.7555
White	1264	0.6253	0.5867 - 0.6639	0.6253	0.5867 - 0.6639
EDUCATION					
< HS	328	0.6237	0.5502 - 0.6972	0.6237	0.5502 - 0.6972
HS	636	0.6108	0.5534 - 0.6682	0.6114	0.5539 - 0.6688
> HS	477	0.6219	0.5625 - 0.6813	0.6219	0.5625 - 0.6812
INCOME					
<\$15,000	305	0.5523	0.4792 - 0.6254	0.5523	0.4792 - 0.6254
\$15-24,999	341	0.692	0.6232 - 0.7608	0.692	0.6232 - 0.7608
\$25-34,999	213	0.635	0.5482 - 0.7218	0.6366	0.5497 - 0.7234
\$35-49,999	164	0.6674	0.5733 - 0.7615	0.6674	0.5733 - 0.7615
\$50-74,999	68	0.4914	0.334 - 0.6488	0.4914	0.334 - 0.6488
\$75,000+	66	0.563	0.397 - 0.729	0.563	0.397 - 0.729

HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005 IMMUNIZATIONS: AGE 65+, FLU NASAL SPAY IN THE PAST 12 MONTHS					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	1446	0.0062	0.0013 - 0.0111	0.0062	0.0013 - 0.0111
REGION					
Central	175	0	0 - 0	0	0 - 0
Kansas City	278	0.0047	0 - 0.0139	0.0047	0 - 0.0139
Northeast	200	0.0037	0 - 0.011	0.0037	0 - 0.011
Northwest	166	0.0052	0 - 0.0154	0.0052	0 - 0.0154
Southeast	175	0.0258	0 - 0.0562	0.0258	0 - 0.0562
Southwest	197	0.0095	0 - 0.0279	0.0095	0 - 0.0279
St. Louis	239	0	0 - 0	0	0 - 0
GENDER					
Female	942	0.0043	0 - 0.0096	0.0043	0 - 0.0096
Male	504	0.0089	0 - 0.0183	0.0089	0 - 0.0183
RACE					
Black	80	0.0132	0 - 0.0393	0.0132	0 - 0.0393
Other	82	0.0116	0 - 0.0345	0.0117	0 - 0.0348
White	1266	0.0056	0.0003 - 0.0109	0.0056	0.0003 - 0.0108
EDUCATION					
< HS	328	0.0132	0 - 0.0281	0.0132	0 - 0.0281
HS	638	0.0057	0 - 0.0135	0.0057	0 - 0.0136
> HS	478	0.0023	0 - 0.0068	0.0023	0 - 0.0069
INCOME					
<\$15,000	306	0.0102	0 - 0.0274	0.0102	0 - 0.0274
\$15-24,999	344	0.0009	0 - 0.0029	0.0009	0 - 0.0029
\$25-34,999	212	0.0154	0 - 0.0379	0.0154	0 - 0.038
\$35-49,999	165	0	0 - 0	0	0 - 0
\$50-74,999	68	0	0 - 0	0	0 - 0
\$75,000+	66	0.015	0 - 0.0446	0.015	0 - 0.0446

# HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005 IMMUNIZATIONS: AGE 65+, PNEUMONIA VACCINATION IN THE PAST 12 MONTHS

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	1418	0.6477	0.6118 - 0.6836	0.648	0.6121 - 0.6838
REGION					
Central	174	0.6367	0.5583 - 0.7151	0.6367	0.5583 - 0.7151
Kansas City	272	0.6635	0.6016 - 0.7254	0.6635	0.6016 - 0.7254
Northeast	198	0.6321	0.559 - 0.7052	0.6321	0.559 - 0.7052
Northwest	164	0.6713	0.5917 - 0.7509	0.6713	0.5917 - 0.7509
Southeast	170	0.5412	0.4585 - 0.6239	0.5412	0.4585 - 0.624
Southwest	193	0.6715	0.5972 - 0.7458	0.6715	0.5972 - 0.7457
St. Louis	231	0.6669	0.5783 - 0.7555	0.6677	0.5789 - 0.7564
GENDER					
Female	921	0.6465	0.5999 - 0.6931	0.6469	0.6003 - 0.6936
Male	497	0.6494	0.5931 - 0.7057	0.6494	0.5932 - 0.7057
RACE					
Black	79	0.5223	0.3649 - 0.6797	0.5223	0.3649 - 0.6797
Other	81	0.505	0.3476 - 0.6624	0.5081	0.3497 - 0.6665
White	1241	0.6654	0.6274 - 0.7034	0.6654	0.6273 - 0.7034
EDUCATION					
< HS	321	0.5961	0.5199 - 0.6723	0.5961	0.5199 - 0.6724
HS	629	0.6157	0.5571 - 0.6743	0.6162	0.5574 - 0.675
> HS	466	0.7227	0.6704 - 0.775	0.7227	0.6704 - 0.7751
INCOME					
<\$15,000	302	0.5451	0.4706 - 0.6196	0.5451	0.4706 - 0.6196
\$15-24,999	339	0.7057	0.6357 - 0.7757	0.7057	0.6357 - 0.7757
\$25-34,999	211	0.6882	0.6069 - 0.7695	0.6899	0.6084 - 0.7714
\$35-49,999	161	0.6609	0.5651 - 0.7567	0.6609	0.565 - 0.7567
\$50-74,999	65	0.6869	0.5568 - 0.817	0.6869	0.5567 - 0.817
\$75,000+	62	0.5977	0.4315 - 0.7639	0.5977	0.4315 - 0.7639

## SECTION 10. TOBACCO USE AMONG MISSOURI ADULTS, 2005

### ***Description of BRFSS questions regarding Tobacco Use:***

All respondents were asked whether they had smoked 100 cigarettes or more in their lifetime and if they currently smoked everyday or somedays (defined as current smokers). All current smokers were asked if they had intentionally quit smoking for 1 day or longer in the past 12 months.

### ***Summary of Tobacco Use:***

In 2005, 23% of Missouri adults reported currently smoking cigarettes. Rates of current smoking were highest in the Southeast (28%) and lowest among St. Louis residents (20%). Adults with the lowest level of education (37%) and income (35%) were much more likely to be current smokers than those with the highest level of education (19%) and income (14%). Fifty two percent of current smokers reported quitting for 1 day or longer in the past year. See the tables below for more detailed information on Tobacco Use reporting in Missouri by region, gender, race, education and income.

### ***Tobacco Use***

Tobacco use costs lives and money. Almost 10,000 (9,475 in '03) Missourians die from tobacco-related illness each year. Missouri spends almost two billion dollars (\$1.97 billion in '02) annually to treat smoking-related illness (\$512 million to Medicaid in '05).

### ***In Missouri***

In Missouri, both the adult smoking rate (24.1% in '04) and the high school smoking rate (23.7% in '05) are among the highest in the U.S. For Missouri kids, the tobacco use rate goes even higher (30.7% in '05) when all forms of tobacco are considered. Missouri's pregnant women smoke at rates high enough (18.2 in '02) to rank them in the top ten (8<sup>th</sup> in '02) in the nation.

This information originated from the DHSS website at <http://www.dhss.mo.gov/SmokingAndTobacco/>

HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005					
TOBACCO USE: CURRENT SMOKER					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5153	0.234	0.2164 - 0.2516	0.2365	0.2189 - 0.2542
REGION					
Central	658	0.2674	0.2241 - 0.3107	0.2676	0.2259 - 0.3094
Kansas City	995	0.245	0.2117 - 0.2783	0.2475	0.2136 - 0.2814
Northeast	595	0.2491	0.2056 - 0.2926	0.265	0.2189 - 0.311
Northwest	659	0.2367	0.1959 - 0.2775	0.2451	0.2049 - 0.2853
Southeast	584	0.2778	0.2345 - 0.3211	0.2811	0.237 - 0.3252
Southwest	660	0.2494	0.2057 - 0.2931	0.256	0.2115 - 0.3005
St. Louis	949	0.1973	0.1603 - 0.2343	0.1947	0.1598 - 0.2296
GENDER					
Female	3152	0.2205	0.1989 - 0.2421	0.2276	0.2052 - 0.2499
Male	2001	0.2486	0.2204 - 0.2768	0.2463	0.2191 - 0.2736
RACE					
Black	387	0.2197	0.1652 - 0.2742	0.2248	0.1721 - 0.2775
Other	333	0.3526	0.2603 - 0.4449	0.3557	0.276 - 0.4355
White	4395	0.2252	0.2072 - 0.2432	0.2292	0.2106 - 0.2478
EDUCATION					
< HS	655	0.3716	0.3144 - 0.4288	0.4737	0.4074 - 0.5399
HS	1921	0.2592	0.229 - 0.2894	0.2801	0.2491 - 0.311
> HS	2572	0.1895	0.1668 - 0.2122	0.182	0.1604 - 0.2036
INCOME					
<\$15,000	703	0.3488	0.2892 - 0.4084	0.4134	0.3452 - 0.4817
\$15-24,999	895	0.2834	0.2411 - 0.3257	0.3222	0.2771 - 0.3673
\$25-34,999	694	0.334	0.2752 - 0.3928	0.3462	0.2891 - 0.4032
\$35-49,999	823	0.2315	0.1905 - 0.2725	0.2304	0.19 - 0.2707
\$50-74,999	692	0.2185	0.1769 - 0.2601	0.206	0.1619 - 0.2501
\$75,000+	689	0.1413	0.107 - 0.1756	0.1261	0.0922 - 0.16

HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005					
TOBACCO USE: FORMER SMOKER					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5153	0.242	0.2246 - 0.2594	0.2369	0.2202 - 0.2535
REGION					
Central	658	0.2394	0.2031 - 0.2757	0.2403	0.2058 - 0.2748
Kansas City	995	0.2213	0.1927 - 0.2499	0.2193	0.1921 - 0.2466
Northeast	595	0.2519	0.1996 - 0.3042	0.2411	0.1881 - 0.294
Northwest	659	0.2446	0.205 - 0.2842	0.2436	0.2058 - 0.2815
Southeast	584	0.2412	0.203 - 0.2794	0.2207	0.1852 - 0.2562
Southwest	660	0.225	0.1893 - 0.2607	0.2126	0.1797 - 0.2455
St. Louis	949	0.2605	0.2195 - 0.3015	0.2583	0.2189 - 0.2977
GENDER					
Female	3152	0.2208	0.1977 - 0.2439	0.2134	0.1901 - 0.2368
Male	2001	0.2649	0.2382 - 0.2916	0.2686	0.2449 - 0.2924
RACE					
Black	387	0.1393	0.0948 - 0.1838	0.1595	0.1193 - 0.1997
Other	333	0.2304	0.1447 - 0.3161	0.2372	0.1676 - 0.3067
White	4395	0.2512	0.2326 - 0.2698	0.2431	0.2256 - 0.2605
EDUCATION					
< HS	655	0.2665	0.2175 - 0.3155	0.2211	0.1748 - 0.2674
HS	1921	0.2524	0.2236 - 0.2812	0.2307	0.2052 - 0.2562
> HS	2572	0.231	0.2065 - 0.2555	0.2439	0.2192 - 0.2686
INCOME					
<\$15,000	703	0.2588	0.209 - 0.3086	0.2078	0.1643 - 0.2513
\$15-24,999	895	0.2458	0.2052 - 0.2864	0.2182	0.1809 - 0.2554
\$25-34,999	694	0.2029	0.1664 - 0.2394	0.1923	0.159 - 0.2256
\$35-49,999	823	0.2677	0.2246 - 0.3108	0.2697	0.2287 - 0.3106
\$50-74,999	692	0.2229	0.1804 - 0.2654	0.2463	0.1997 - 0.293
\$75,000+	689	0.2511	0.2011 - 0.3011	0.2923	0.2205 - 0.364



HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005 TOBACCO USE: ATTEMPTED TO QUIT SMOKING IN THE PAST YEAR					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	1200	0.5199	0.4778 - 0.562	0.523	0.4826 - 0.5634
REGION					
Central	147	0.5322	0.4352 - 0.6292	0.4859	0.3969 - 0.5749
Kansas City	225	0.5389	0.4607 - 0.6171	0.5179	0.4458 - 0.5901
Northeast	140	0.5619	0.4657 - 0.6581	0.5716	0.486 - 0.6573
Northwest	158	0.4661	0.3699 - 0.5623	0.4612	0.3717 - 0.5508
Southeast	155	0.4777	0.3852 - 0.5702	0.4688	0.3733 - 0.5642
Southwest	157	0.5172	0.4125 - 0.6219	0.5229	0.4247 - 0.6211
St. Louis	208	0.509	0.4061 - 0.6119	0.5494	0.452 - 0.6468
GENDER					
Female	701	0.5458	0.4915 - 0.6001	0.54	0.4876 - 0.5923
Male	499	0.4951	0.4316 - 0.5586	0.5084	0.4475 - 0.5694
RACE					
Black	105	0.5634	0.4382 - 0.6886	0.5676	0.4416 - 0.6936
Other	95	0.611	0.4356 - 0.7864	0.6218	0.4864 - 0.7572
White	995	0.5042	0.4599 - 0.5485	0.5075	0.464 - 0.551
EDUCATION					
< HS	215	0.563	0.4658 - 0.6602	0.5378	0.4435 - 0.632
HS	481	0.5003	0.4354 - 0.5652	0.5169	0.4548 - 0.5791
> HS	501	0.5218	0.4556 - 0.588	0.5228	0.4579 - 0.5876
INCOME					
<\$15,000	219	0.6754	0.5864 - 0.7644	0.6687	0.5805 - 0.7569
\$15-24,999	241	0.5536	0.4689 - 0.6383	0.5615	0.486 - 0.6369
\$25-34,999	184	0.5095	0.3935 - 0.6255	0.519	0.4132 - 0.6248
\$35-49,999	196	0.4301	0.3305 - 0.5297	0.4351	0.3347 - 0.5354
\$50-74,999	148	0.5226	0.417 - 0.6282	0.4782	0.3611 - 0.5952
\$75,000+	105	0.4676	0.3392 - 0.596	0.5283	0.3433 - 0.7134

## SECTION 11. ALCOHOL CONSUMPTION AMONG MISSOURI ADULTS, 2005

### ***Description of BRFSS questions regarding Alcohol Consumption:***

All respondents were asked how many days per week or per month they had at least 1 drink of any alcoholic beverage and on the days when they did drink how many drinks they had on average. A drink of alcohol was defined as 1 can or bottle of beer, 1 glass of wine, 1 can or bottle of wine cooler, 1 cocktail, or 1 shot of liquor. This analysis included the percentages of respondents who had at least 1 drink per week in the past month. Also, for respondents that reported having at least 1 drink per week the percentages of those who had two or more drinks on average and 5 or more drinks on average when they did drink.

### ***Summary of Alcohol Consumption:***

In 2005, 51% of Missouri adults had at least one drink per week in the past 30 days. There were large differences by region. St. Louis (61%), Kansas City (54%), and Central (51%) Missouri region residents more often reported having had one drink per week in the prior month than did other the Southeast (35%), Northwest (39%), and Northeast (41%), Southwest (42%) regions. Thirty one percent of respondents reported having 2 or more drinks on average for those occasions when they did drink and 15% reported having 5 or more drinks. Heavy drinking and binge drinking were defined as drinking 1 or more drinks per day and drinking five or more drinks on one or more occasions in the past 30 days, respectively. Following these definitions, 5% of Missourians were categorized as heavy drinkers and 15% binge drinkers. See the tables below for more detailed information on Alcohol Consumption reporting in Missouri by region, gender, race, education and income.

# HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005 ALCOHOL CONSUMPTION: HAD AT LEAST 1 DRINK PER WEEK IN THE PAST 30 DAYS

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5140	0.5116	0.49 - 0.5332	0.5164	0.495 - 0.5377
REGION					
Central	656	0.5109	0.4646 - 0.5572	0.5084	0.4631 - 0.5537
Kansas City	992	0.5419	0.5049 - 0.5789	0.5438	0.5071 - 0.5804
Northeast	592	0.4139	0.362 - 0.4658	0.433	0.3792 - 0.4867
Northwest	658	0.3936	0.3456 - 0.4416	0.4071	0.3611 - 0.4532
Southeast	583	0.3467	0.301 - 0.3924	0.3574	0.3112 - 0.4037
Southwest	659	0.4203	0.3721 - 0.4685	0.4263	0.3777 - 0.4749
St. Louis	946	0.6057	0.5569 - 0.6545	0.6055	0.5577 - 0.6534
GENDER					
Female	3151	0.4474	0.4204 - 0.4744	0.4582	0.4308 - 0.4856
Male	1989	0.5814	0.5473 - 0.6155	0.5815	0.5489 - 0.614
RACE					
Black	387	0.4142	0.3382 - 0.4902	0.4079	0.3385 - 0.4773
Other	333	0.5515	0.4647 - 0.6383	0.5473	0.4636 - 0.631
White	4382	0.519	0.4961 - 0.5419	0.5252	0.5019 - 0.5485
EDUCATION					
< HS	654	0.329	0.2702 - 0.3878	0.3951	0.3226 - 0.4677
HS	1915	0.4086	0.3729 - 0.4443	0.4193	0.3829 - 0.4558
> HS	2566	0.6119	0.5843 - 0.6395	0.6027	0.5753 - 0.6301
INCOME					
<\$15,000	705	0.3144	0.2529 - 0.3759	0.3523	0.2917 - 0.4128
\$15-24,999	892	0.3994	0.3482 - 0.4506	0.4246	0.3739 - 0.4754
\$25-34,999	691	0.4751	0.4171 - 0.5331	0.4828	0.4238 - 0.5418
\$35-49,999	820	0.5018	0.4516 - 0.552	0.4964	0.4466 - 0.5462
\$50-74,999	690	0.6161	0.5659 - 0.6663	0.6092	0.5546 - 0.6639
\$75,000+	690	0.7391	0.6981 - 0.7801	0.7229	0.669 - 0.7768

# HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005 ALCOHOL CONSUMPTION: HAD TWO OR MORE DRINKS WHEN DRANK IN THE PAST 30 DAYS

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5118	0.3083	0.2869 - 0.3297	0.3159	0.2949 - 0.3368
REGION					
Central	655	0.324	0.2785 - 0.3695	0.3176	0.275 - 0.3601
Kansas City	987	0.3354	0.298 - 0.3728	0.3425	0.306 - 0.379
Northeast	590	0.2589	0.2117 - 0.3061	0.2797	0.2295 - 0.3299
Northwest	655	0.2515	0.2082 - 0.2948	0.2623	0.2202 - 0.3045
Southeast	580	0.224	0.183 - 0.265	0.2351	0.1928 - 0.2775
Southwest	657	0.2224	0.1803 - 0.2645	0.2289	0.1853 - 0.2724
St. Louis	941	0.3633	0.3141 - 0.4125	0.369	0.3198 - 0.4182
GENDER					
Female	3143	0.2241	0.1984 - 0.2498	0.237	0.2111 - 0.2628
Male	1975	0.4006	0.3663 - 0.4349	0.4003	0.3673 - 0.4332
RACE					
Black	383	0.2258	0.1648 - 0.2868	0.223	0.1673 - 0.2786
Other	331	0.3945	0.2945 - 0.4945	0.3825	0.2931 - 0.4719
White	4367	0.3095	0.287 - 0.332	0.3197	0.2969 - 0.3424
EDUCATION					
< HS	651	0.2231	0.1702 - 0.276	0.2983	0.2303 - 0.3663
HS	1903	0.2413	0.2103 - 0.2723	0.2605	0.2274 - 0.2937
> HS	2559	0.3663	0.3357 - 0.3969	0.355	0.3262 - 0.3838
INCOME					
<\$15,000	702	0.1918	0.1322 - 0.2514	0.2348	0.1727 - 0.297
\$15-24,999	889	0.2453	0.1961 - 0.2945	0.2661	0.2184 - 0.3137
\$25-34,999	684	0.2657	0.2102 - 0.3212	0.2782	0.2217 - 0.3346
\$35-49,999	820	0.3187	0.2691 - 0.3683	0.3137	0.2664 - 0.3609
\$50-74,999	689	0.3902	0.3385 - 0.4419	0.3593	0.3084 - 0.4103
\$75,000+	688	0.4472	0.3921 - 0.5023	0.4506	0.3881 - 0.5132

# HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005

## ALCOHOL CONSUMPTION: HAD FIVE OR MORE DRINKS WHEN DRANK IN THE PAST 30 DAYS

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5123	0.1477	0.1297 - 0.1657	0.1496	0.1318 - 0.1674
REGION					
Central	656	0.1618	0.1224 - 0.2012	0.1514	0.1175 - 0.1853
Kansas City	987	0.1364	0.1058 - 0.167	0.1405	0.1097 - 0.1712
Northeast	588	0.1364	0.0954 - 0.1774	0.1416	0.1001 - 0.1832
Northwest	656	0.131	0.0961 - 0.1659	0.1324	0.0981 - 0.1667
Southeast	582	0.1236	0.0901 - 0.1571	0.1309	0.0955 - 0.1664
Southwest	657	0.1012	0.0698 - 0.1326	0.1065	0.0737 - 0.1392
St. Louis	943	0.1812	0.1381 - 0.2243	0.1805	0.1378 - 0.2233
GENDER					
Female	3149	0.082	0.0614 - 0.1026	0.0851	0.0649 - 0.1052
Male	1974	0.2194	0.1892 - 0.2496	0.2176	0.188 - 0.2472
RACE					
Black	382	0.0869	0.0489 - 0.1249	0.0791	0.0458 - 0.1124
Other	333	0.2559	0.1497 - 0.3621	0.2273	0.1408 - 0.3137
White	4370	0.1442	0.126 - 0.1624	0.1496	0.1308 - 0.1685
EDUCATION					
< HS	651	0.1417	0.0962 - 0.1872	0.1712	0.1114 - 0.231
HS	1907	0.1213	0.0978 - 0.1448	0.1296	0.1041 - 0.155
> HS	2560	0.1646	0.1368 - 0.1924	0.1588	0.1329 - 0.1847
INCOME					
<\$15,000	702	0.1092	0.0575 - 0.1609	0.1255	0.066 - 0.1851
\$15-24,999	891	0.1201	0.088 - 0.1522	0.1302	0.0942 - 0.1663
\$25-34,999	687	0.1513	0.1021 - 0.2005	0.1562	0.1074 - 0.205
\$35-49,999	820	0.1511	0.1074 - 0.1948	0.146	0.1056 - 0.1864
\$50-74,999	687	0.1829	0.1386 - 0.2272	0.1598	0.1208 - 0.1988
\$75,000+	687	0.1862	0.1337 - 0.2387	0.1992	0.1422 - 0.2562

HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005					
ALCOHOL CONSUMPTION: HEAVY DRINKING $\geq 1$ DRINK PER DAY					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5118	0.0499	0.0377 - 0.0621	0.05	0.038 - 0.0619
REGION					
Central	655	0.0573	0.0326 - 0.082	0.0528	0.0311 - 0.0746
Kansas City	987	0.05	0.03 - 0.07	0.0509	0.0303 - 0.0715
Northeast	590	0.0398	0.019 - 0.0606	0.0407	0.0188 - 0.0627
Northwest	655	0.021	0.0108 - 0.0312	0.0218	0.0112 - 0.0324
Southeast	580	0.0332	0.0165 - 0.0499	0.0332	0.0168 - 0.0497
Southwest	657	0.0243	0.0063 - 0.0423	0.0241	0.0068 - 0.0413
St. Louis	941	0.0682	0.0382 - 0.0982	0.0687	0.0383 - 0.099
GENDER					
Female	3143	0.0487	0.0293 - 0.0681	0.0489	0.0296 - 0.0681
Male	1975	0.0511	0.0374 - 0.0648	0.0507	0.037 - 0.0644
RACE					
Black	383	0.0217	0.0031 - 0.0403	0.0219	0.0043 - 0.0396
Other	331	0.1299	0.0301 - 0.2297	0.1137	0.039 - 0.1884
White	4367	0.0453	0.0351 - 0.0555	0.0458	0.0356 - 0.056
EDUCATION					
< HS	651	0.0542	0.0199 - 0.0885	0.0728	0.0195 - 0.1261
HS	1903	0.0485	0.0316 - 0.0654	0.0487	0.033 - 0.0644
> HS	2559	0.0499	0.0319 - 0.0679	0.0495	0.0318 - 0.0671
INCOME					
<\$15,000	702	0.054	0.0058 - 0.1022	0.0609	0.0072 - 0.1146
\$15-24,999	889	0.0483	0.0262 - 0.0704	0.0545	0.0288 - 0.0802
\$25-34,999	684	0.0561	0.0251 - 0.0871	0.0605	0.0268 - 0.0942
\$35-49,999	820	0.0446	0.0254 - 0.0638	0.0465	0.0259 - 0.0671
\$50-74,999	689	0.0547	0.0277 - 0.0817	0.0507	0.0266 - 0.0748
\$75,000+	688	0.0562	0.0156 - 0.0968	0.0737	0.0112 - 0.1362

HEALTH RISKS & PREVENTIVE BEHAVIORS AMONG MISSOURI ADULTS, 2005 ALCOHOL CONSUMPTION: BINGE DRINKING $\geq$ 5 DRINKS ON ONE OCCASION					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5138	0.1473	0.1293 - 0.1653	0.1494	0.1315 - 0.1672
REGION					
Central	658	0.1614	0.122 - 0.2008	0.1509	0.1172 - 0.1846
Kansas City	989	0.1361	0.1055 - 0.1667	0.1403	0.1096 - 0.1711
Northeast	590	0.1386	0.0974 - 0.1798	0.1436	0.1019 - 0.1854
Northwest	659	0.1304	0.0957 - 0.1651	0.132	0.0977 - 0.1663
Southeast	583	0.1234	0.0901 - 0.1567	0.1308	0.0953 - 0.1663
Southwest	658	0.1009	0.0697 - 0.1321	0.106	0.0735 - 0.1385
St. Louis	947	0.1804	0.1375 - 0.2233	0.1802	0.1375 - 0.2229
GENDER					
Female	3154	0.0818	0.0612 - 0.1024	0.085	0.0648 - 0.1051
Male	1984	0.2189	0.1889 - 0.2489	0.2171	0.1875 - 0.2467
RACE					
Black	384	0.0866	0.0488 - 0.1244	0.0788	0.0455 - 0.1121
Other	333	0.2559	0.1497 - 0.3621	0.2273	0.1408 - 0.3137
White	4383	0.1438	0.1256 - 0.162	0.1494	0.1306 - 0.1682
EDUCATION					
< HS	654	0.1418	0.0965 - 0.1871	0.1714	0.1116 - 0.2311
HS	1913	0.1207	0.0974 - 0.144	0.129	0.1035 - 0.1545
> HS	2566	0.1644	0.1366 - 0.1922	0.1586	0.1328 - 0.1845
INCOME					
<\$15,000	702	0.1092	0.0575 - 0.1609	0.1255	0.066 - 0.1851
\$15-24,999	893	0.1208	0.0887 - 0.1529	0.1307	0.0946 - 0.1667
\$25-34,999	690	0.15	0.1012 - 0.1988	0.1548	0.1064 - 0.2032
\$35-49,999	822	0.151	0.1073 - 0.1947	0.1459	0.1056 - 0.1863
\$50-74,999	689	0.1823	0.138 - 0.2266	0.1596	0.1208 - 0.1984
\$75,000+	687	0.1862	0.1337 - 0.2387	0.1992	0.1422 - 0.2562

## IV HEALTH CONDITIONS

### SECTION 12. ARTHRITIS AMONG MISSOURI ADULTS, 2005

#### ***Description of BRFSS questions regarding Arthritis:***

All respondents were asked if they had any symptoms of pain, aching, or stiffness in or around a joint in the past 30 days, not including the back or neck and if these joints symptoms first begin more than 3 months ago. Respondents were also asked if they had ever seen a doctor or other health professional for the joint symptoms and if they had ever been told by a doctor or other health professional that they had some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia. Only respondents who had some form of arthritis or joint symptoms were next asked if they were limited in any way from their usual activities, if arthritis or joint symptoms affected whether they worked, the type of work they do or the amount of work they do, and if they could now do everything, most things, some things, or hardly anything. Respondents with some form of arthritis or joint symptoms were also asked if a doctor or other health professional had ever suggested losing weight and physical activity or exercise to help with arthritis or joint symptoms. Finally, the respondents who said they had some form of arthritis or joint symptoms were asked if they had ever taken an educational course or class to teach them how to manage problems related to arthritis or joint symptoms.

#### ***Summary of Arthritis:***

In 2005, 46% of Missouri adults reported having symptoms of pain, aching, or stiffness in or around a joint (not including the back or neck) and 86% said these symptoms first began more than 3 months prior. Respondents of lower income levels were more likely to report having joint symptoms. Seventy-four percent reported having seen a health care professional for these symptoms. Thirty two percent were told by a doctor that they had some form of arthritis, rheumatoid arthritis, gout, lupus or fibromyalgia and 28% were advised to lose weight and 53% to use physical activity to help their arthritis symptoms. Women (36%) and respondents of lower education and income levels were more likely to have ever been told they had some form of arthritis than were men (28%) and those of higher education and income levels. Twenty nine percent of respondents were limited in their usual activities and 72% could not do everything they would like to do due to arthritis or joint symptoms. Only 8% of respondents had ever taken a course to learn how to manage their arthritis or joint symptoms. See the tables below for more detailed information on Arthritis reporting in Missouri by region, gender, race, education and income.



***Additional Information about Arthritis***

The word arthritis applies to more than 100 different conditions of unknown or varied causes. Joint involvement is the most characteristic aspect of arthritis, but various forms can also result in such problems as kidney disease, blindness, and premature death. Arthritis causes pain, loss of movement, and sometimes swelling of joints and tissues. Common forms of arthritis include: [Osteoarthritis](#), [Rheumatoid Arthritis](#), [Fibromyalgia](#), [Gout](#), [Ankylosing Spondylitis](#), [Juvenile Arthritis](#), [Systemic Lupus Erythematosus](#) also known as Lupus or SLE, and [Scleroderma](#).

According to the Centers for Disease Control and Prevention ([CDC](#)), arthritis and chronic joint symptoms affect nearly 70 million Americans, or about one of every three adults, making it one of the most prevalent diseases in the United States. As the population ages, this number will increase dramatically. Arthritis is the leading cause of [disability](#) in the United States, and is one of Missouri's most prevalent chronic health problems, affecting one of every three Missourians 18 years of age and older.

This information originated from the DHSS website at <http://www.dhss.mo.gov/Arthritis/>

<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>ARTHRITIS: HAD ANY SYMPTOMS OF PAIN, ACHING, OR STIFFNESS IN OR</b> <b>AROUND A JOINT (NOT INCLUDING BACK OR NECK)</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5117	0.4624	0.4408 - 0.484	0.458	0.4364 - 0.4795
REGION					
Central	656	0.4446	0.3991 - 0.4901	0.4508	0.4067 - 0.4949
Kansas City	985	0.4506	0.4134 - 0.4878	0.4494	0.4116 - 0.4873
Northeast	593	0.4818	0.4283 - 0.5353	0.4725	0.4175 - 0.5276
Northwest	652	0.4621	0.4115 - 0.5127	0.4587	0.4105 - 0.5069
Southeast	579	0.5342	0.4862 - 0.5822	0.5179	0.4689 - 0.5669
Southwest	657	0.4999	0.4519 - 0.5479	0.4995	0.4506 - 0.5483
St. Louis	943	0.4379	0.3887 - 0.4871	0.4305	0.3802 - 0.4809
GENDER					
Female	3133	0.4594	0.4331 - 0.4857	0.4471	0.422 - 0.4721
Male	1984	0.4658	0.4313 - 0.5003	0.4671	0.4324 - 0.5017
RACE					
Black	382	0.3869	0.3114 - 0.4624	0.4003	0.3338 - 0.4667
Other	328	0.4229	0.3367 - 0.5091	0.4484	0.3684 - 0.5284
White	4372	0.472	0.4489 - 0.4951	0.4654	0.4413 - 0.4895
EDUCATION					
< HS	649	0.5195	0.4611 - 0.5779	0.5114	0.4428 - 0.58
HS	1906	0.4755	0.4381 - 0.5129	0.4607	0.4213 - 0.5
> HS	2558	0.4434	0.4144 - 0.4724	0.4469	0.4197 - 0.4741
INCOME					
<\$15,000	698	0.6082	0.5506 - 0.6658	0.5944	0.5321 - 0.6567
\$15-24,999	886	0.5001	0.4499 - 0.5503	0.4957	0.4469 - 0.5445
\$25-34,999	692	0.4719	0.4151 - 0.5287	0.4706	0.4157 - 0.5255
\$35-49,999	814	0.4399	0.3891 - 0.4907	0.4434	0.3929 - 0.494
\$50-74,999	691	0.4281	0.3771 - 0.4791	0.4319	0.3784 - 0.4854
\$75,000+	691	0.3991	0.3476 - 0.4506	0.3722	0.325 - 0.4195

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005					
ARTHRITIS: JOINT SYMPTOMS FIRST BEGAN MORE THAN 3 MONTHS AGO					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	2552	0.8574	0.8274 - 0.8874	0.838	0.8042 - 0.8717
REGION					
Central	326	0.8669	0.8212 - 0.9126	0.8601	0.8093 - 0.9108
Kansas City	472	0.8867	0.8495 - 0.9239	0.8756	0.8332 - 0.9179
Northeast	305	0.9006	0.8614 - 0.9398	0.8947	0.8486 - 0.9407
Northwest	318	0.8499	0.7954 - 0.9044	0.8482	0.7888 - 0.9076
Southeast	323	0.8289	0.776 - 0.8818	0.8069	0.7424 - 0.8714
Southwest	342	0.8704	0.8273 - 0.9135	0.8636	0.8138 - 0.9134
St. Louis	440	0.8357	0.7551 - 0.9163	0.7927	0.729 - 0.8564
GENDER					
Female	1607	0.8722	0.8487 - 0.8957	0.8497	0.8176 - 0.8819
Male	945	0.8417	0.7856 - 0.8978	0.8292	0.7796 - 0.8788
RACE					
Black	166	0.8851	0.8236 - 0.9466	0.8701	0.7891 - 0.951
Other	172	0.8747	0.8073 - 0.9421	0.8584	0.7842 - 0.9327
White	2197	0.8527	0.8184 - 0.887	0.8311	0.7939 - 0.8684
EDUCATION					
< HS	373	0.8949	0.8265 - 0.9633	0.9112	0.8545 - 0.9678
HS	931	0.8679	0.7968 - 0.939	0.8476	0.7855 - 0.9098
> HS	1248	0.8416	0.8122 - 0.871	0.824	0.7901 - 0.8579
INCOME					
<\$15,000	427	0.8957	0.8538 - 0.9376	0.912	0.8749 - 0.949
\$15-24,999	460	0.8973	0.8606 - 0.934	0.8815	0.8366 - 0.9264
\$25-34,999	347	0.8847	0.8365 - 0.9329	0.8547	0.7976 - 0.9117
\$35-49,999	379	0.8278	0.7584 - 0.8972	0.7966	0.7135 - 0.8797
\$50-74,999	317	0.8438	0.7897 - 0.8979	0.8354	0.7668 - 0.904
\$75,000+	294	0.8749	0.8304 - 0.9194	0.8744	0.8258 - 0.923

# HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005

## ARTHRITIS: SAW A DOCTOR OR HEALTH CARE PROFESSIONAL FOR JOINT SYMPTOMS

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	2237	0.7355	0.7069 - 0.7641	0.704	0.669 - 0.7391
REGION					
Central	286	0.7411	0.6819 - 0.8003	0.7374	0.6651 - 0.8098
Kansas City	427	0.6872	0.6292 - 0.7452	0.6592	0.594 - 0.7245
Northeast	274	0.6413	0.5472 - 0.7354	0.6187	0.5317 - 0.7057
Northwest	273	0.7749	0.7112 - 0.8386	0.7636	0.6921 - 0.8352
Southeast	277	0.7577	0.6932 - 0.8222	0.6921	0.6111 - 0.773
Southwest	296	0.7523	0.6835 - 0.8211	0.7397	0.6685 - 0.8108
St. Louis	382	0.7529	0.6876 - 0.8182	0.7091	0.6158 - 0.8024
GENDER					
Female	1416	0.7567	0.7238 - 0.7896	0.7272	0.6849 - 0.7695
Male	821	0.7121	0.6643 - 0.7599	0.6917	0.6402 - 0.7433
RACE					
Black	142	0.6978	0.5822 - 0.8134	0.673	0.5538 - 0.7921
Other	155	0.8099	0.7139 - 0.9059	0.7804	0.679 - 0.8817
White	1924	0.7297	0.6983 - 0.7611	0.6968	0.6584 - 0.7352
EDUCATION					
< HS	338	0.7492	0.6657 - 0.8327	0.6416	0.5593 - 0.7239
HS	835	0.7251	0.6798 - 0.7704	0.6636	0.6051 - 0.722
> HS	1064	0.739	0.6978 - 0.7802	0.7299	0.6832 - 0.7765
INCOME					
<\$15,000	386	0.755	0.679 - 0.831	0.6844	0.5915 - 0.7773
\$15-24,999	411	0.696	0.6264 - 0.7656	0.6563	0.5818 - 0.7308
\$25-34,999	309	0.7699	0.6939 - 0.8459	0.7542	0.6732 - 0.8351
\$35-49,999	325	0.7483	0.6713 - 0.8253	0.7539	0.6796 - 0.8282
\$50-74,999	270	0.7384	0.6655 - 0.8113	0.7282	0.6381 - 0.8184
\$75,000+	247	0.6929	0.608 - 0.7778	0.6123	0.5316 - 0.6931

<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>ARTHRITIS: TOLD BY DOCTOR HAVE SOME FORM OF ARTHRITIS,</b> <b>RHEUMATOID ARTHRITIS, GOUT, LUPUS, OR FIGROMYALGIA</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	5103	0.3214	0.3028 - 0.34	0.3122	0.2953 - 0.329
<b>REGION</b>					
Central	652	0.3267	0.2853 - 0.3681	0.3303	0.2917 - 0.3689
Kansas City	981	0.2921	0.2598 - 0.3244	0.2875	0.2577 - 0.3173
Northeast	592	0.3292	0.2831 - 0.3753	0.3143	0.2715 - 0.357
Northwest	654	0.3403	0.296 - 0.3846	0.333	0.296 - 0.37
Southeast	575	0.388	0.3431 - 0.4329	0.3621	0.3215 - 0.4026
Southwest	655	0.3555	0.3114 - 0.3996	0.3401	0.2978 - 0.3824
St. Louis	942	0.2985	0.2575 - 0.3395	0.2904	0.2535 - 0.3272
<b>GENDER</b>					
Female	3128	0.3593	0.3346 - 0.384	0.3385	0.3162 - 0.3609
Male	1975	0.2803	0.2529 - 0.3077	0.2833	0.2581 - 0.3086
<b>RACE</b>					
Black	383	0.27	0.2045 - 0.3355	0.2945	0.2353 - 0.3537
Other	327	0.2898	0.2141 - 0.3655	0.3133	0.2447 - 0.3819
White	4358	0.3284	0.3084 - 0.3484	0.3139	0.2957 - 0.3322
<b>EDUCATION</b>					
< HS	649	0.4584	0.4006 - 0.5162	0.4262	0.3535 - 0.4989
HS	1897	0.3497	0.3174 - 0.382	0.318	0.29 - 0.346
> HS	2553	0.2763	0.2518 - 0.3008	0.2909	0.2682 - 0.3136
<b>INCOME</b>					
<\$15,000	696	0.4819	0.4217 - 0.5421	0.4475	0.3822 - 0.5128
\$15-24,999	883	0.3883	0.3415 - 0.4351	0.3787	0.3338 - 0.4236
\$25-34,999	690	0.3592	0.3067 - 0.4117	0.3426	0.2946 - 0.3907
\$35-49,999	811	0.2733	0.2317 - 0.3149	0.2845	0.2466 - 0.3223
\$50-74,999	691	0.2717	0.2274 - 0.316	0.2868	0.2405 - 0.333
\$75,000+	687	0.2452	0.2019 - 0.2885	0.2536	0.2109 - 0.2963

<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>ARTHRITIS: USUAL ACTIVITIES LIMITED IN ANY WAY DUE TO ARTHRITIS OR</b> <b>JOINT SYMPTOMS</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	3004	0.2889	0.2652 - 0.3126	0.2621	0.237 - 0.2872
REGION					
Central	385	0.3104	0.2559 - 0.3649	0.2992	0.2394 - 0.359
Kansas City	559	0.262	0.2204 - 0.3036	0.2377	0.197 - 0.2785
Northeast	360	0.2601	0.206 - 0.3142	0.2229	0.1727 - 0.2731
Northwest	390	0.2563	0.2046 - 0.308	0.2275	0.1796 - 0.2753
Southeast	364	0.3995	0.3417 - 0.4573	0.3602	0.2955 - 0.4249
Southwest	400	0.3399	0.2797 - 0.4001	0.3144	0.2484 - 0.3805
St. Louis	517	0.2493	0.1972 - 0.3014	0.2262	0.1682 - 0.2843
GENDER					
Female	1886	0.3096	0.2796 - 0.3396	0.275	0.2424 - 0.3075
Male	1118	0.2662	0.2294 - 0.303	0.2451	0.2104 - 0.2798
RACE					
Black	197	0.2738	0.1923 - 0.3553	0.2849	0.1975 - 0.3723
Other	205	0.3856	0.2819 - 0.4893	0.357	0.2672 - 0.4467
White	2578	0.2784	0.2533 - 0.3035	0.2503	0.2237 - 0.277
EDUCATION					
< HS	455	0.3406	0.2789 - 0.4023	0.2862	0.2247 - 0.3478
HS	1119	0.3281	0.2836 - 0.3726	0.3056	0.2556 - 0.3556
> HS	1429	0.2492	0.2178 - 0.2806	0.2398	0.2072 - 0.2723
INCOME					
<\$15,000	494	0.5038	0.4305 - 0.5771	0.4733	0.3902 - 0.5564
\$15-24,999	553	0.3556	0.2988 - 0.4124	0.3404	0.2789 - 0.402
\$25-34,999	411	0.2961	0.2324 - 0.3598	0.2555	0.1928 - 0.3183
\$35-49,999	443	0.2337	0.1798 - 0.2876	0.2067	0.1604 - 0.253
\$50-74,999	365	0.2206	0.1685 - 0.2727	0.1829	0.1364 - 0.2293
\$75,000+	341	0.186	0.1335 - 0.2385	0.199	0.1414 - 0.2567

<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>ARTHRITIS: CANNOT DO EVERYTHING WOULD LIKE TO DO DUE TO ARTHRITIS</b> <b>OR JOINT SYMPTOMS</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	2703	0.715	0.6889 - 0.7411	0.6671	0.6344 - 0.6998
REGION					
Central	338	0.7008	0.6385 - 0.7631	0.6621	0.5852 - 0.7389
Kansas City	504	0.6634	0.6119 - 0.7149	0.6317	0.5694 - 0.694
Northeast	333	0.7401	0.6791 - 0.8011	0.6911	0.6203 - 0.7619
Northwest	352	0.6869	0.6081 - 0.7657	0.6469	0.5689 - 0.725
Southeast	329	0.7704	0.7134 - 0.8274	0.7026	0.6218 - 0.7834
Southwest	361	0.7678	0.7072 - 0.8284	0.701	0.6238 - 0.7782
St. Louis	461	0.7089	0.6503 - 0.7675	0.6755	0.6014 - 0.7496
GENDER					
Female	1711	0.7528	0.7224 - 0.7832	0.7039	0.6639 - 0.7439
Male	992	0.6709	0.6274 - 0.7144	0.6286	0.5775 - 0.6798
RACE					
Black	168	0.7353	0.6228 - 0.8478	0.7129	0.6012 - 0.8246
Other	183	0.748	0.6561 - 0.8399	0.7135	0.6181 - 0.809
White	2331	0.7095	0.6813 - 0.7377	0.6573	0.6204 - 0.6941
EDUCATION					
< HS	424	0.7922	0.731 - 0.8534	0.7455	0.6526 - 0.8384
HS	1016	0.7655	0.7285 - 0.8025	0.6984	0.6453 - 0.7515
> HS	1262	0.6599	0.6197 - 0.7001	0.6295	0.5843 - 0.6748
INCOME					
<\$15,000	461	0.886	0.8421 - 0.9299	0.855	0.7847 - 0.9254
\$15-24,999	510	0.7618	0.7052 - 0.8184	0.7153	0.6459 - 0.7847
\$25-34,999	369	0.7274	0.6621 - 0.7927	0.6889	0.6016 - 0.7761
\$35-49,999	393	0.6967	0.6289 - 0.7645	0.6602	0.5651 - 0.7553
\$50-74,999	320	0.6298	0.5541 - 0.7055	0.5698	0.4779 - 0.6617
\$75,000+	300	0.5993	0.5211 - 0.6775	0.5183	0.447 - 0.5897

<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>ARTHRITIS: ADVISED BY DOCTOR OR HEALTH CARE PROFESSIONAL TO</b> <b>LOSE WEIGHT TO HELP WITH ARTHRITIS OR JOINT SYMPTOMS</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	2700	0.2848	0.2607 - 0.3089	0.2549	0.2288 - 0.281
REGION					
Central	339	0.2546	0.2031 - 0.3061	0.2379	0.185 - 0.2908
Kansas City	503	0.2611	0.2162 - 0.306	0.2447	0.1963 - 0.2931
Northeast	332	0.2866	0.2239 - 0.3493	0.2664	0.196 - 0.3368
Northwest	353	0.2883	0.2287 - 0.3479	0.2778	0.2147 - 0.3409
Southeast	327	0.2579	0.2067 - 0.3091	0.2295	0.1754 - 0.2836
Southwest	359	0.3103	0.2521 - 0.3685	0.2773	0.2069 - 0.3477
St. Louis	462	0.3079	0.2516 - 0.3642	0.2513	0.1988 - 0.3039
GENDER					
Female	1707	0.3167	0.2851 - 0.3483	0.2828	0.2501 - 0.3155
Male	993	0.2476	0.2108 - 0.2844	0.2179	0.1809 - 0.255
RACE					
Black	169	0.3679	0.2554 - 0.4804	0.3311	0.2245 - 0.4377
Other	182	0.2843	0.1887 - 0.3799	0.2981	0.1984 - 0.3979
White	2328	0.2798	0.2543 - 0.3053	0.2441	0.2182 - 0.2699
EDUCATION					
< HS	424	0.2842	0.2209 - 0.3475	0.2451	0.1803 - 0.31
HS	1014	0.2809	0.2427 - 0.3191	0.2333	0.1976 - 0.269
> HS	1261	0.2878	0.2525 - 0.3231	0.2641	0.2273 - 0.301
INCOME					
<\$15,000	460	0.3297	0.266 - 0.3934	0.3091	0.2346 - 0.3835
\$15-24,999	509	0.2632	0.2117 - 0.3147	0.2331	0.1837 - 0.2824
\$25-34,999	367	0.3134	0.247 - 0.3798	0.2811	0.2019 - 0.3603
\$35-49,999	393	0.2896	0.2263 - 0.3529	0.2253	0.1801 - 0.2706
\$50-74,999	320	0.2759	0.2069 - 0.3449	0.229	0.1674 - 0.2905
\$75,000+	300	0.2694	0.2008 - 0.338	0.2298	0.1638 - 0.2959



## ASTHMA AMONG MISSOURIANS

### Additional Asthma Information:

Asthma is a chronic disease that affects the airways, which are the tubes that carry air in and out of the lungs. Asthma causes the inside walls of the airways to become inflamed or swollen. The inflammation makes the airways very sensitive, so they tend to react strongly to things that people are allergic to or find irritating. When the airways react, they get narrower and less air flows through the lung tissues. This causes symptoms such as wheezing (a whistling sound when breathing), coughing, chest tightness, and trouble breathing.

Asthma cannot be cured, but for most patients it can be controlled so that only minimal and infrequent symptoms are experienced. Controlling asthma means staying away from things that bother the airways and taking medicines as directed by a doctor. By controlling asthma every day, serious symptoms can be prevented allowing people to take part in any activity. If asthma is not well controlled, symptoms can cause school, work and activities to be missed. Asthma is one of the leading causes of children missing school.

This information originated from the DHSS website at <http://www.dhss.mo.gov/asthma/>

<b>HEALTH CONDITIONS AMONG MISSOURI CHILDREN, 2005</b> <b>CHILDHOOD ASTHMA: ONE OR MORE CHILDREN AGE 17 OR YOUNGER LIVING</b> <b>IN HOUSEHOLD HAVE EVER BEEN DIAGNOSED WITH ASTHMA</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5060	0.0638	0.0524 - 0.0752	0.0679	0.056 - 0.0799
REGION					
Central	643	0.0446	0.0254 - 0.0638	0.0502	0.0294 - 0.071
Kansas City	972	0.067	0.0458 - 0.0882	0.0686	0.0469 - 0.0904
Northeast	593	0.0313	0.0148 - 0.0478	0.0381	0.0183 - 0.0579
Northwest	656	0.0823	0.04 - 0.1246	0.0878	0.0522 - 0.1235
Southeast	568	0.0553	0.0312 - 0.0794	0.0644	0.0368 - 0.0921
Southwest	646	0.0675	0.0414 - 0.0936	0.0754	0.0469 - 0.1038
St. Louis	930	0.0728	0.0465 - 0.0991	0.0754	0.048 - 0.1029
GENDER					
Female	3092	0.0719	0.0576 - 0.0862	0.0785	0.0632 - 0.0938
Male	1968	0.055	0.0368 - 0.0732	0.0567	0.0383 - 0.0751
RACE					
Black	370	0.1495	0.0866 - 0.2124	0.1434	0.0864 - 0.2005
Other	326	0.0312	0.0108 - 0.0516	0.0325	0.011 - 0.0541
White	4328	0.0595	0.0473 - 0.0717	0.0642	0.0512 - 0.0771
EDUCATION					
< HS	641	0.0708	0.0275 - 0.1141	0.0905	0.0382 - 0.1429
HS	1884	0.0668	0.047 - 0.0866	0.0776	0.0554 - 0.0997
> HS	2530	0.0606	0.0463 - 0.0749	0.0584	0.0447 - 0.0721
INCOME					
<\$15,000	695	0.0564	0.0317 - 0.0811	0.09	0.0506 - 0.1294
\$15-24,999	874	0.0824	0.0475 - 0.1173	0.0968	0.0601 - 0.1334
\$25-34,999	683	0.0457	0.0247 - 0.0667	0.0521	0.0284 - 0.0758
\$35-49,999	807	0.0801	0.046 - 0.1142	0.0815	0.0458 - 0.1172
\$50-74,999	680	0.0672	0.0329 - 0.1015	0.0564	0.028 - 0.0848
\$75,000+	679	0.0487	0.0289 - 0.0685	0.0409	0.0231 - 0.0587

<b>HEALTH CONDITIONS AMONG MISSOURI CHILDREN, 2005</b> <b>CHILDHOOD ASTHMA: ONE OR MORE CHILDREN AGE 17 OR YOUNGER LIVING</b> <b>IN HOUSEHOLD STILL HAVE ASTHMA</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	3859	0.0847	0.0698 - 0.0996	0.1255	0.1041 - 0.1468
REGION					
Central	486	0.0582	0.0312 - 0.0852	0.1	0.0565 - 0.1435
Kansas City	748	0.1013	0.0705 - 0.1321	0.1386	0.098 - 0.1792
Northeast	475	0.0465	0.0196 - 0.0734	0.0787	0.0359 - 0.1214
Northwest	504	0.113	0.0536 - 0.1724	0.1605	0.0968 - 0.2242
Southeast	429	0.0838	0.0473 - 0.1203	0.1346	0.0772 - 0.1921
Southwest	490	0.0998	0.0618 - 0.1378	0.1576	0.1 - 0.2152
St. Louis	683	0.0829	0.0498 - 0.116	0.1214	0.074 - 0.1688
GENDER					
Female	2337	0.0923	0.0735 - 0.1111	0.1432	0.1158 - 0.1707
Male	1522	0.0759	0.0526 - 0.0992	0.1077	0.0749 - 0.1404
RACE					
Black	281	0.2117	0.1304 - 0.293	0.2284	0.1507 - 0.306
Other	243	0.0474	0.0145 - 0.0803	0.0573	0.0176 - 0.0971
White	3303	0.076	0.0607 - 0.0913	0.1177	0.0944 - 0.141
EDUCATION					
< HS	539	0.0669	0.0361 - 0.0977	0.121	0.0536 - 0.1884
HS	1480	0.0864	0.0605 - 0.1123	0.1543	0.1119 - 0.1966
> HS	1835	0.088	0.0668 - 0.1092	0.1147	0.0877 - 0.1418
INCOME					
<\$15,000	605	0.1039	0.0612 - 0.1466	0.216	0.1486 - 0.2834
\$15-24,999	699	0.0933	0.0523 - 0.1343	0.1388	0.0839 - 0.1937
\$25-34,999	533	0.0631	0.0329 - 0.0933	0.0981	0.0542 - 0.142
\$35-49,999	589	0.0976	0.0602 - 0.135	0.1273	0.0818 - 0.1728
\$50-74,999	462	0.0862	0.0364 - 0.136	0.1157	0.052 - 0.1794
\$75,000+	428	0.0875	0.0536 - 0.1214	0.0962	0.0556 - 0.1368

## SECTION 14. ASTHMA AMONG MISSOURI ADULTS, 2005

### ***Description of BRFSS questions regarding Asthma:***

All respondents were asked if they were ever told by a doctor, nurse, or other health professional they had asthma and they still have asthma. All respondents who reported that they had ever been told they had asthma were asked how old they were the first time they were diagnosed with asthma, if in the past 12 months they had an asthma attack, visited the emergency room, the number of times they had seen a health professional for worsening asthma symptoms or a routine checkup, and the number of days they were unable to carry out their usual activities due to asthma. Additionally, respondents having ever received an asthma diagnosis were asked if in the past month how many days asthma symptoms made it difficult to stay asleep, number of days they took a prescription asthma medication to prevent an asthma attack, and the number of days they used a prescription inhaler during an asthma attack. Symptoms of asthma were defined to include cough, wheezing, shortness of breath, chest tightness and phlegm production when you don't have a cold or respiratory infection.

### ***Summary of Asthma:***

In 2005, 14% of Missouri adults reported ever being told by a doctor that they have asthma and 9% of them report still having asthma. More respondents of the lowest income level (18%) reported still having asthma compared to respondents of the highest income levels (5%). Five percent of respondents having ever received an asthma diagnosis had suffered an asthma attack in the past 12 months, with eighteen percent having visited an emergency room. Five percent visited a doctor for an asthma checkup in the past 12 months. Thirty eight percent of respondents received their first asthma diagnosis at age 10 or younger. See the tables below for more detailed information on Asthma reporting in Missouri by region, gender, race, education and income.

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005					
ASTHMA: TOLD BY DOCTOR HAVE ASTHMA					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5124	0.1422	0.1259 - 0.1585	0.1428	0.1268 - 0.1589
REGION					
Central	655	0.1288	0.0994 - 0.1582	0.1268	0.0984 - 0.1553
Kansas City	988	0.1498	0.1222 - 0.1774	0.1512	0.1228 - 0.1797
Northeast	595	0.1496	0.0979 - 0.2013	0.1421	0.0978 - 0.1864
Northwest	658	0.1125	0.0825 - 0.1425	0.1144	0.0845 - 0.1444
Southeast	582	0.1743	0.1357 - 0.2129	0.1722	0.1342 - 0.2102
Southwest	655	0.1013	0.0729 - 0.1297	0.1005	0.0728 - 0.1281
St. Louis	941	0.155	0.1158 - 0.1942	0.1592	0.1192 - 0.1992
GENDER					
Female	3135	0.1629	0.1394 - 0.1864	0.1645	0.1412 - 0.1879
Male	1989	0.1197	0.0974 - 0.142	0.1194	0.0975 - 0.1414
RACE					
Black	386	0.1661	0.101 - 0.2312	0.1487	0.0989 - 0.1985
Other	330	0.2339	0.1381 - 0.3297	0.2163	0.1416 - 0.291
White	4374	0.1315	0.1156 - 0.1474	0.1336	0.1169 - 0.1502
EDUCATION					
< HS	652	0.2034	0.1562 - 0.2506	0.2291	0.165 - 0.2932
HS	1910	0.1177	0.0965 - 0.1389	0.1193	0.0962 - 0.1425
> HS	2559	0.1442	0.1195 - 0.1689	0.1439	0.1204 - 0.1675
INCOME					
<\$15,000	702	0.1991	0.1432 - 0.255	0.2035	0.1484 - 0.2586
\$15-24,999	890	0.1488	0.1163 - 0.1813	0.1484	0.1159 - 0.1809
\$25-34,999	692	0.1314	0.0955 - 0.1673	0.1317	0.0949 - 0.1686
\$35-49,999	818	0.1213	0.0882 - 0.1544	0.1208	0.0881 - 0.1536
\$50-74,999	691	0.1259	0.092 - 0.1598	0.1194	0.0867 - 0.1522
\$75,000+	689	0.1277	0.0803 - 0.1751	0.1404	0.0804 - 0.2004

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005					
ASTHMA: STILL HAVE ASTHMA					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5105	0.0898	0.0782 - 0.1014	0.0903	0.0785 - 0.102
REGION					
Central	654	0.0867	0.063 - 0.1104	0.0863	0.0627 - 0.1098
Kansas City	989	0.1053	0.0822 - 0.1284	0.1057	0.082 - 0.1294
Northeast	591	0.0923	0.0441 - 0.1405	0.0868	0.0452 - 0.1283
Northwest	662	0.0713	0.0482 - 0.0944	0.0715	0.0491 - 0.0938
Southeast	605	0.1306	0.0967 - 0.1645	0.1283	0.0948 - 0.1618
Southwest	656	0.0647	0.0441 - 0.0853	0.0653	0.0443 - 0.0863
St. Louis	948	0.0836	0.0583 - 0.1089	0.0849	0.0593 - 0.1106
GENDER					
Female	3123	0.1108	0.0937 - 0.1279	0.1122	0.0947 - 0.1296
Male	1982	0.067	0.0517 - 0.0823	0.0674	0.0517 - 0.0831
RACE					
Black	385	0.1095	0.0676 - 0.1514	0.1018	0.064 - 0.1397
Other	327	0.1071	0.0483 - 0.1659	0.1067	0.0502 - 0.1631
White	4359	0.0864	0.0744 - 0.0984	0.0876	0.0748 - 0.1003
EDUCATION					
< HS	650	0.1551	0.1126 - 0.1976	0.1655	0.1063 - 0.2247
HS	1900	0.0741	0.058 - 0.0902	0.0761	0.0585 - 0.0938
> HS	2552	0.0856	0.0693 - 0.1019	0.0856	0.0697 - 0.1014
INCOME					
<\$15,000	700	0.1784	0.1227 - 0.2341	0.1806	0.1259 - 0.2353
\$15-24,999	883	0.106	0.0782 - 0.1338	0.1077	0.0795 - 0.1359
\$25-34,999	689	0.0933	0.0612 - 0.1254	0.0914	0.0583 - 0.1246
\$35-49,999	817	0.0927	0.0621 - 0.1233	0.091	0.0614 - 0.1206
\$50-74,999	690	0.0685	0.045 - 0.092	0.0646	0.0408 - 0.0883
\$75,000+	689	0.0516	0.0302 - 0.073	0.0471	0.0248 - 0.0695

<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>ASTHMA: VISITED EMERGENCY ROOM OR URGENT CARE CENTER IN THE</b> <b>PAST 12 MONTHS FOR ASTHMA</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	460	0.1767	0.1148 - 0.2386	0.1781	0.1155 - 0.2406
REGION					
Central	63	0.2207	0.1017 - 0.3397	0.2152	0.097 - 0.3333
Kansas City	102	0.1644	0.0686 - 0.2602	0.1685	0.0788 - 0.2583
Northeast	42		Insuff Data		Insuff Data
Northwest	50	0.2061	0.0489 - 0.3633	0.1866	0.0533 - 0.3199
Southeast	60	0.0842	0.0083 - 0.1601	0.1241	0.0053 - 0.2429
Southwest	51	0.1477	0.0244 - 0.271	0.128	0.0133 - 0.2427
St. Louis	86	0.2371	0.0799 - 0.3943	0.2374	0.0761 - 0.3988
GENDER					
Female	331	0.2146	0.1303 - 0.2989	0.2185	0.1358 - 0.3012
Male	129	0.1041	0.0357 - 0.1725	0.112	0.0398 - 0.1841
RACE					
Black	39		Insuff Data		Insuff Data
Other	35		Insuff Data		Insuff Data
White	383	0.1565	0.1016 - 0.2114	0.1555	0.1002 - 0.2108
EDUCATION					
< HS	86	0.174	0.0744 - 0.2736	0.2146	0.1119 - 0.3173
HS	151	0.2475	0.1301 - 0.3649	0.2532	0.1379 - 0.3684
> HS	222	0.142	0.0507 - 0.2333	0.1395	0.0576 - 0.2214
INCOME					
<\$15,000	101	0.3058	0.0988 - 0.5128	0.3687	0.1856 - 0.5517
\$15-24,999	91	0.2171	0.1071 - 0.3271	0.2304	0.1246 - 0.3363
\$25-34,999	64	0.0853	0 - 0.1729	0.0677	0.0014 - 0.1339
\$35-49,999	63	0.1481	0 - 0.3024	0.1116	0.0248 - 0.1984
\$50-74,999	48		Insuff Data		Insuff Data
\$75,000+	45		Insuff Data		Insuff Data

# **HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005** **ASTHMA: SAW A DOCTOR IN THE PAST 12 MONTHS FOR AN ASTHMA** **CHECKUP**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	458	0.5072	0.4378 - 0.5766	0.5018	0.4346 - 0.5691
<b>REGION</b>					
Central	62	0.6135	0.4671 - 0.7599	0.618	0.49 - 0.7459
Kansas City	101	0.5254	0.4051 - 0.6457	0.531	0.4136 - 0.6484
Northeast	42		Insuff Data		Insuff Data
Northwest	50	0.5693	0.4047 - 0.7339	0.5198	0.3838 - 0.6558
Southeast	60	0.5208	0.3667 - 0.6749	0.5568	0.4063 - 0.7074
Southwest	51	0.5116	0.3472 - 0.676	0.4811	0.2963 - 0.666
St. Louis	86	0.4749	0.3154 - 0.6344	0.4555	0.3185 - 0.5925
<b>GENDER</b>					
Female	329	0.56	0.4757 - 0.6443	0.5471	0.4687 - 0.6255
Male	129	0.4064	0.2923 - 0.5205	0.417	0.3071 - 0.527
<b>RACE</b>					
Black	39		Insuff Data		Insuff Data
Other	35		Insuff Data		Insuff Data
White	381	0.5356	0.4607 - 0.6105	0.5337	0.4647 - 0.6027
<b>EDUCATION</b>					
< HS	85	0.5366	0.3682 - 0.705	0.4913	0.3651 - 0.6175
HS	150	0.5188	0.4032 - 0.6344	0.5034	0.3991 - 0.6076
> HS	222	0.4953	0.3953 - 0.5953	0.4804	0.3881 - 0.5727
<b>INCOME</b>					
<\$15,000	100	0.541	0.346 - 0.736	0.5468	0.3653 - 0.7283
\$15-24,999	92	0.6066	0.4649 - 0.7483	0.6113	0.4827 - 0.7399
\$25-34,999	64	0.3866	0.2249 - 0.5483	0.3915	0.221 - 0.562
\$35-49,999	63	0.3209	0.1729 - 0.4689	0.3083	0.1674 - 0.4492
\$50-74,999	48		Insuff Data		Insuff Data
\$75,000+	44		Insuff Data		Insuff Data



<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>ASTHMA: HAD AN ASTHMA ATTACK IN THE PAST 12 MONTHS</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	327	0.5301	0.456 - 0.6042	0.518	0.4447 - 0.5913
<b>REGION</b>					
Central	37	0.472	0.2793 - 0.6647	0.464	0.2579 - 0.6702
Kansas City	49	0.4004	0.2495 - 0.5513	0.3809	0.2372 - 0.5246
Northeast	52	0.3945	0.2461 - 0.5429	0.4322	0.287 - 0.5775
Northwest	44	0.7028	0.535 - 0.8706	0.6504	0.5199 - 0.781
Southeast	49	0.4906	0.334 - 0.6472	0.4758	0.309 - 0.6426
Southwest	43	0.6014	0.4383 - 0.7645	0.6935	0.5622 - 0.8248
St. Louis	53	0.5884	0.4385 - 0.7383	0.5779	0.4121 - 0.7437
<b>GENDER</b>					
Female	230	0.5876	0.5047 - 0.6705	0.5751	0.4932 - 0.657
Male	97	0.444	0.3099 - 0.5781	0.4237	0.2968 - 0.5505
<b>RACE</b>					
Black	25	0.4959	0.2129 - 0.7789	0.4719	0.201 - 0.7428
Other	16	0.4894	0.1823 - 0.7965	0.4553	0.1677 - 0.7428
White	275	0.5361	0.4577 - 0.6145	0.5229	0.4453 - 0.6005
<b>EDUCATION</b>					
< HS	61	0.4703	0.3027 - 0.6379	0.476	0.2943 - 0.6577
HS	96	0.6079	0.4842 - 0.7316	0.6005	0.4782 - 0.7228
> HS	169	0.5072	0.4014 - 0.613	0.4638	0.3637 - 0.564
<b>INCOME</b>					
<\$15,000	63	0.6369	0.4883 - 0.7855	0.6315	0.4968 - 0.7661
\$15-24,999	66	0.5841	0.4308 - 0.7374	0.5762	0.4472 - 0.7052
\$25-34,999	51	0.5253	0.3467 - 0.7039	0.4978	0.335 - 0.6607
\$35-49,999	44	0.408	0.1993 - 0.6167	0.3847	0.2067 - 0.5626
\$50-74,999	34	0.6473	0.4194 - 0.8752	0.6572	0.4436 - 0.8709
\$75,000+	30	0.5493	0.3259 - 0.7727	0.4584	0.2844 - 0.6325

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005					
ASTHMA: TOLD BY DOCTOR HAD ASTHMA AT AGE 10 OR YOUNGER					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	644	0.3751	0.3112 - 0.439	0.3492	0.294 - 0.4045
REGION					
Central	87	0.2936	0.1693 - 0.4179	0.3057	0.1836 - 0.4279
Kansas City	135	0.415	0.309 - 0.521	0.388	0.2959 - 0.4801
Northeast	68	0.439	0.2256 - 0.6524	0.4533	0.2955 - 0.611
Northwest	71	0.3851	0.2428 - 0.5274	0.3593	0.2291 - 0.4894
Southeast	81	0.2924	0.1777 - 0.4071	0.2884	0.1726 - 0.4042
Southwest	72	0.3416	0.1903 - 0.4929	0.2762	0.1505 - 0.4018
St. Louis	123	0.4074	0.2628 - 0.552	0.3604	0.2369 - 0.4839
GENDER					
Female	441	0.2919	0.2208 - 0.363	0.2873	0.2197 - 0.3549
Male	203	0.4988	0.3922 - 0.6054	0.4401	0.3557 - 0.5246
RACE					
Black	47		Insuff Data		Insuff Data
Other	59	0.3917	0.1512 - 0.6322	0.3784	0.2108 - 0.546
White	534	0.3649	0.2951 - 0.4347	0.3441	0.2867 - 0.4016
EDUCATION					
< HS	107	0.3196	0.1769 - 0.4623	0.2898	0.1522 - 0.4274
HS	217	0.3679	0.2693 - 0.4665	0.3718	0.2844 - 0.4592
> HS	319	0.3961	0.3008 - 0.4914	0.3509	0.2761 - 0.4258
INCOME					
<\$15,000	119	0.3362	0.1759 - 0.4965	0.3618	0.227 - 0.4967
\$15-24,999	124	0.3288	0.2051 - 0.4525	0.3111	0.2094 - 0.4129
\$25-34,999	90	0.4214	0.2781 - 0.5647	0.3846	0.2515 - 0.5177
\$35-49,999	88	0.3438	0.1964 - 0.4912	0.3197	0.2052 - 0.4341
\$50-74,999	76	0.3526	0.1991 - 0.5061	0.2594	0.1537 - 0.365
\$75,000+	73	0.3004	0.1428 - 0.458	0.2511	0.1083 - 0.394

<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>ASTHMA: UNABLE TO CARRY OUT USUAL ACTIVITIES IN THE PAST 12</b> <b>MONTHS DUE TO ASTHMA</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	436	0.2561	0.1987 - 0.3135	0.2632	0.2051 - 0.3212
REGION					
Central	58	0.3328	0.1972 - 0.4684	0.345	0.1926 - 0.4975
Kansas City	98	0.2234	0.1232 - 0.3236	0.2415	0.1439 - 0.3391
Northeast	40		Insuff Data		Insuff Data
Northwest	48		Insuff Data		Insuff Data
Southeast	54	0.2717	0.1261 - 0.4173	0.289	0.1358 - 0.4423
Southwest	49		Insuff Data		Insuff Data
St. Louis	83	0.2746	0.139 - 0.4102	0.2803	0.1484 - 0.4122
GENDER					
Female	311	0.3161	0.2399 - 0.3923	0.3233	0.2475 - 0.3992
Male	125	0.147	0.0798 - 0.2142	0.159	0.0904 - 0.2276
RACE					
Black	37		Insuff Data		Insuff Data
Other	30		Insuff Data		Insuff Data
White	366	0.2624	0.1983 - 0.3265	0.2656	0.2018 - 0.3295
EDUCATION					
< HS	76	0.3314	0.1875 - 0.4753	0.332	0.2216 - 0.4423
HS	142	0.3163	0.1946 - 0.438	0.3303	0.2041 - 0.4565
> HS	217	0.2018	0.133 - 0.2706	0.2078	0.1427 - 0.2729
INCOME					
<\$15,000	91	0.3988	0.2455 - 0.5521	0.3398	0.2229 - 0.4566
\$15-24,999	85	0.3392	0.2036 - 0.4748	0.3672	0.2456 - 0.4887
\$25-34,999	63	0.1861	0.0675 - 0.3047	0.1908	0.0658 - 0.3159
\$35-49,999	62	0.2255	0.0673 - 0.3837	0.2059	0.092 - 0.3198
\$50-74,999	47		Insuff Data		Insuff Data
\$75,000+	45		Insuff Data		Insuff Data

## SECTION 15. CANCER AMONG MISSOURI ADULTS, 2005

### ***Description of State added questions regarding Cancer:***

All respondents were asked if they were ever told by a doctor, nurse, or other health professional they had cancer. All respondents who reported that they had ever been told they had cancer were asked what type of cancer was it.

### ***Summary of Cancer:***

In 2005, 8% of Missouri adults reported ever being told by a doctor that they have cancer. More women (9%) were diagnosed with cancer than were men (6%). Reported prevalence of the types of cancer among Missouri residents are as follows: Lung cancer .3%, Skin cancer 1%, Breast cancer 1%, Ovarian/Uterine cancer .7%, Prostate cancer .8%, Colon/Rectal cancer .6%, Bladder cancer .2%, and Other types of reported cancers 3% (kidney, non-Hodgkin, other). See the tables below for more detailed information on Cancer reporting in Missouri by region, gender, race, education and income.

### ***CANCER IN MISSOURI***

Cancer is a group of diseases characterized by uncontrolled growth and spread of abnormal cells. If the spread is not controlled, it may result in death. Most types of cancer cells form a lump or mass called a tumor and are named after the part of the body where the tumor originates. Cancer is caused by both external factors (e.g., [tobacco](#), chemicals, radiation and infectious organisms) and/or internal factors (e.g., hormones, immune conditions and [genetic mutations](#)).

In the years to come, cancer will affect approximately three of every four Missouri families; about two in five Missourians, now living, will eventually develop cancer. Nationally, men have little less than a one in two lifetime risk of developing cancer; for women, the lifetime risk of developing cancer is a little more than one in three.

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005					
CANCER: EVER TOLD BY A DOCTOR HAVE CANCER					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4879	0.0766	0.067 - 0.0862	0.0736	0.0644 - 0.0828
REGION					
Central	618	0.0801	0.0601 - 0.1001	0.0792	0.0602 - 0.0982
Kansas City	930	0.0797	0.0626 - 0.0968	0.0791	0.0626 - 0.0956
Northeast	574	0.09	0.0655 - 0.1145	0.0787	0.0577 - 0.0997
Northwest	632	0.0682	0.0494 - 0.087	0.0664	0.0489 - 0.0838
Southeast	553	0.0978	0.0733 - 0.1223	0.0882	0.0652 - 0.1111
Southwest	629	0.0946	0.0719 - 0.1173	0.0873	0.0669 - 0.1077
St. Louis	896	0.0617	0.0403 - 0.0831	0.0602	0.0396 - 0.0808
GENDER					
Female	2987	0.0946	0.0793 - 0.1099	0.0887	0.0738 - 0.1036
Male	1892	0.057	0.046 - 0.068	0.0587	0.0484 - 0.0691
RACE					
Black	347	0.04	0.0082 - 0.0718	0.0471	0.0146 - 0.0797
Other	311	0.1054	0.0452 - 0.1656	0.1207	0.0576 - 0.1838
White	4191	0.0774	0.0678 - 0.087	0.0719	0.0631 - 0.0808
EDUCATION					
< HS	615	0.1098	0.0816 - 0.138	0.0791	0.055 - 0.1033
HS	1803	0.0887	0.072 - 0.1054	0.0796	0.0627 - 0.0964
> HS	2457	0.0628	0.0497 - 0.0759	0.0723	0.0589 - 0.0856
INCOME					
<\$15,000	662	0.1438	0.0954 - 0.1922	0.1323	0.0838 - 0.1807
\$15-24,999	842	0.0879	0.0648 - 0.111	0.0639	0.0472 - 0.0805
\$25-34,999	660	0.0732	0.052 - 0.0944	0.07	0.0494 - 0.0905
\$35-49,999	785	0.0712	0.0485 - 0.0939	0.0747	0.0533 - 0.0961
\$50-74,999	666	0.0466	0.0294 - 0.0638	0.0651	0.039 - 0.0912
\$75,000+	664	0.0502	0.0281 - 0.0723	0.0747	0.0441 - 0.1052

<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>CANCER: EVER TOLD BY A DOCTOR HAVE LUNG CANCER</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4869	0.0029	0.0013 - 0.0045	0.0028	0.0012 - 0.0044
REGION					
Central	617	0.0041	0 - 0.0092	0.0046	0 - 0.0107
Kansas City	928	0.0021	0 - 0.0045	0.002	0 - 0.0042
Northeast	573	0.0018	0 - 0.0053	0.0014	0 - 0.0041
Northwest	630	0.0021	0 - 0.0045	0.002	0 - 0.0043
Southeast	551	0.0092	0.0019 - 0.0165	0.0078	0.0017 - 0.0139
Southwest	628	0.0013	0 - 0.0038	0.0011	0 - 0.0032
St. Louis	895	0.0024	0 - 0.0057	0.0023	0 - 0.0054
GENDER					
Female	2980	0.0022	0.0002 - 0.0042	0.0019	0.0002 - 0.0037
Male	1889	0.0037	0.0012 - 0.0062	0.0038	0.0012 - 0.0063
RACE					
Black	346	0	0 - 0	0	0 - 0
Other	311	0.0021	0 - 0.0056	0.0026	0 - 0.0069
White	4182	0.0033	0.0013 - 0.0053	0.003	0.0013 - 0.0048
EDUCATION					
< HS	612	0.0049	0.0002 - 0.0096	0.0035	0 - 0.0078
HS	1797	0.0027	0 - 0.0054	0.0023	0 - 0.0049
> HS	2456	0.0027	0.0005 - 0.0049	0.0034	0.0005 - 0.0063
INCOME					
<\$15,000	660	0.0067	0.0018 - 0.0116	0.005	0.0011 - 0.0089
\$15-24,999	838	0.0033	0 - 0.007	0.0028	0 - 0.0063
\$25-34,999	659	0.0071	0 - 0.0144	0.0063	0 - 0.013
\$35-49,999	785	0.0017	0 - 0.0048	0.0018	0 - 0.0052
\$50-74,999	666	0	0 - 0	0	0 - 0
\$75,000+	664	0.0024	0 - 0.0071	0.0074	0 - 0.0215

<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>CANCER: EVER TOLD BY A DOCTOR HAVE SKIN CANCER</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4869	0.0103	0.0074 - 0.0132	0.0096	0.0067 - 0.0126
REGION					
Central	617	0.0127	0.0039 - 0.0215	0.013	0.004 - 0.022
Kansas City	928	0.0119	0.0054 - 0.0184	0.0117	0.0054 - 0.018
Northeast	573	0.0156	0.0056 - 0.0256	0.0139	0.0047 - 0.0232
Northwest	630	0.0084	0.0027 - 0.0141	0.008	0.0027 - 0.0133
Southeast	551	0.014	0.0054 - 0.0226	0.0132	0.0048 - 0.0216
Southwest	628	0.0105	0.0031 - 0.0179	0.0091	0.0028 - 0.0153
St. Louis	895	0.0075	0.0018 - 0.0132	0.0067	0.001 - 0.0124
GENDER					
Female	2980	0.0114	0.0069 - 0.0159	0.0102	0.0057 - 0.0148
Male	1889	0.0091	0.0054 - 0.0128	0.0093	0.0056 - 0.013
RACE					
Black	346	0	0 - 0	0	0 - 0
Other	311	0.0141	0 - 0.0321	0.018	0 - 0.0416
White	4182	0.0109	0.0078 - 0.014	0.0097	0.0069 - 0.0124
EDUCATION					
< HS	612	0.011	0.0024 - 0.0196	0.0052	0.001 - 0.0093
HS	1797	0.0146	0.0077 - 0.0215	0.0132	0.0062 - 0.0203
> HS	2456	0.0076	0.0047 - 0.0105	0.0094	0.0056 - 0.0131
INCOME					
<\$15,000	660	0.0055	0.0004 - 0.0106	0.0038	0.0001 - 0.0075
\$15-24,999	838	0.0131	0.0035 - 0.0227	0.0091	0.0024 - 0.0158
\$25-34,999	659	0.0051	0.0008 - 0.0094	0.0044	0.0005 - 0.0083
\$35-49,999	785	0.0119	0.005 - 0.0188	0.0134	0.0058 - 0.0211
\$50-74,999	666	0.0109	0.0009 - 0.0209	0.0113	0.0013 - 0.0213
\$75,000+	664	0.005	0.0009 - 0.0091	0.0058	0.0001 - 0.0115

# **HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005** **CANCER: EVER TOLD BY A DOCTOR HAVE BREAST CANCER**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	<b>4869</b>	<b>0.0143</b>	<b>0.01 - 0.0186</b>	<b>0.0136</b>	<b>0.0095 - 0.0177</b>
<b>REGION</b>					
Central	617	0.0126	0.0059 - 0.0193	0.0122	0.006 - 0.0185
Kansas City	928	0.0184	0.0108 - 0.026	0.0182	0.0108 - 0.0257
Northeast	573	0.0146	0.0068 - 0.0224	0.012	0.0058 - 0.0183
Northwest	630	0.0128	0.0036 - 0.022	0.0119	0.0037 - 0.0201
Southeast	551	0.0128	0.0046 - 0.021	0.0107	0.0038 - 0.0176
Southwest	628	0.0107	0.0042 - 0.0172	0.0096	0.0037 - 0.0154
St. Louis	895	0.0149	0.0045 - 0.0253	0.0147	0.0045 - 0.0249
<b>GENDER</b>					
Female	2980	0.0273	0.0193 - 0.0353	0.0247	0.0168 - 0.0325
Male	1889	0.0002	0 - 0.0006	0.0002	0 - 0.0006
<b>RACE</b>					
Black	346	0.0235	0 - 0.0525	0.0268	0 - 0.0549
Other	311	0.0093	0.0013 - 0.0173	0.0109	0.0013 - 0.0205
White	4182	0.0141	0.0098 - 0.0184	0.0127	0.0088 - 0.0166
<b>EDUCATION</b>					
< HS	612	0.0139	0.0035 - 0.0243	0.0067	0.0018 - 0.0116
HS	1797	0.0159	0.0106 - 0.0212	0.0126	0.0085 - 0.0167
> HS	2456	0.0134	0.0067 - 0.0201	0.0147	0.0081 - 0.0214
<b>INCOME</b>					
<\$15,000	660	0.0214	0.011 - 0.0318	0.0172	0.008 - 0.0264
\$15-24,999	838	0.0162	0.0076 - 0.0248	0.0103	0.005 - 0.0156
\$25-34,999	659	0.0089	0.0032 - 0.0146	0.0078	0.0027 - 0.0129
\$35-49,999	785	0.015	0.0054 - 0.0246	0.017	0.0066 - 0.0274
\$50-74,999	666	0.0048	0.0007 - 0.0089	0.0082	0.0004 - 0.016
\$75,000+	664	0.0147	0 - 0.0318	0.0117	0 - 0.0243



HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005					
CANCER: EVER TOLD BY A DOCTOR HAVE OVARIAN OR UTERINE CANCER					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4869	0.0068	0.0046 - 0.009	0.0066	0.0044 - 0.0087
REGION					
Central	617	0.0104	0.0041 - 0.0167	0.0102	0.0041 - 0.0162
Kansas City	928	0.0089	0.0034 - 0.0144	0.0088	0.0035 - 0.0141
Northeast	573	0.0051	0 - 0.0104	0.0048	0 - 0.0097
Northwest	630	0.002	0 - 0.0045	0.0019	0 - 0.0042
Southeast	551	0.0071	0 - 0.0153	0.0072	0 - 0.0161
Southwest	628	0.0129	0.0041 - 0.0217	0.0129	0.0037 - 0.0222
St. Louis	895	0.0028	0.0001 - 0.0055	0.0026	0.0003 - 0.005
GENDER					
Female	2980	0.0131	0.0088 - 0.0174	0.0124	0.0082 - 0.0165
Male	1889	0	0 - 0	0	0 - 0
RACE					
Black	346	0.0019	0 - 0.0058	0.0031	0 - 0.0092
Other	311	0.0049	0 - 0.0116	0.0052	0 - 0.0124
White	4182	0.0074	0.0049 - 0.0099	0.0071	0.0045 - 0.0096
EDUCATION					
< HS	612	0.0103	0.0029 - 0.0177	0.0073	0.0008 - 0.0138
HS	1797	0.0101	0.0052 - 0.015	0.01	0.0047 - 0.0153
> HS	2456	0.0042	0.002 - 0.0064	0.0045	0.0021 - 0.0068
INCOME					
<\$15,000	660	0.0146	0.0052 - 0.024	0.012	0.0036 - 0.0204
\$15-24,999	838	0.0062	0 - 0.0125	0.0052	0 - 0.0117
\$25-34,999	659	0.0086	0.0015 - 0.0157	0.0092	0.0006 - 0.0179
\$35-49,999	785	0.0073	0.0022 - 0.0124	0.0073	0.0026 - 0.012
\$50-74,999	666	0.0043	0.0002 - 0.0084	0.0037	0.0002 - 0.0072
\$75,000+	664	0.0042	0 - 0.0093	0.0047	0 - 0.0102

<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>CANCER: EVER TOLD BY A DOCTOR HAVE PROSTATE CANCER</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4869	0.0076	0.0049 - 0.0103	0.0071	0.0046 - 0.0097
REGION					
Central	617	0.0008	0 - 0.0024	0.0008	0 - 0.0024
Kansas City	928	0.0066	0.0019 - 0.0113	0.0065	0.0018 - 0.0112
Northeast	573	0.0192	0.0076 - 0.0308	0.0159	0.0068 - 0.0249
Northwest	630	0.0029	0 - 0.0068	0.0027	0 - 0.0064
Southeast	551	0.0067	0.001 - 0.0124	0.0055	0.0008 - 0.0102
Southwest	628	0.0147	0.0051 - 0.0243	0.0126	0.0047 - 0.0204
St. Louis	895	0.0069	0.0008 - 0.013	0.0069	0.0009 - 0.013
GENDER					
Female	2980	0	0 - 0	0	0 - 0
Male	1889	0.0158	0.0099 - 0.0217	0.0167	0.0107 - 0.0228
RACE					
Black	346	0	0 - 0	0	0 - 0
Other	311	0.0041	0 - 0.0102	0.0045	0 - 0.011
White	4182	0.0086	0.0053 - 0.0119	0.0077	0.0048 - 0.0107
EDUCATION					
< HS	612	0.0066	0.0015 - 0.0117	0.0031	0.0007 - 0.0054
HS	1797	0.0058	0.0017 - 0.0099	0.0044	0.0013 - 0.0076
> HS	2456	0.0089	0.0046 - 0.0132	0.012	0.006 - 0.0181
INCOME					
<\$15,000	660	0.0051	0.0002 - 0.01	0.0028	0.0001 - 0.0056
\$15-24,999	838	0.0053	0.0008 - 0.0098	0.0032	0.0005 - 0.006
\$25-34,999	659	0.0143	0.0025 - 0.0261	0.0122	0.0024 - 0.022
\$35-49,999	785	0.0054	0.0003 - 0.0105	0.0063	0.0002 - 0.0124
\$50-74,999	666	0.0123	0.0017 - 0.0229	0.0247	0.0025 - 0.0468
\$75,000+	664	0.0071	0.0008 - 0.0134	0.019	0.0018 - 0.0363

<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>CANCER: EVER TOLD BY A DOCTOR HAVE COLON OR RECTAL CANCER</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4869	0.0059	0.0035 - 0.0083	0.0058	0.0033 - 0.0084
REGION					
Central	617	0.0099	0.0023 - 0.0175	0.0096	0.0023 - 0.0168
Kansas City	928	0.0043	0.0006 - 0.008	0.0044	0.0007 - 0.0081
Northeast	573	0.0093	0 - 0.0213	0.0077	0 - 0.0179
Northwest	630	0.0041	0 - 0.0082	0.0037	0 - 0.0074
Southeast	551	0.0107	0.0025 - 0.0189	0.0097	0.0019 - 0.0176
Southwest	628	0.0059	0.0004 - 0.0114	0.0051	0.0004 - 0.0098
St. Louis	895	0.0041	0 - 0.0088	0.0043	0 - 0.0092
GENDER					
Female	2980	0.0048	0.0024 - 0.0072	0.0043	0.0021 - 0.0065
Male	1889	0.0071	0.003 - 0.0112	0.0075	0.003 - 0.012
RACE					
Black	346	0.001	0 - 0.003	0.0015	0 - 0.0047
Other	311	0.0073	0 - 0.0161	0.0084	0 - 0.0184
White	4182	0.0062	0.0035 - 0.0089	0.006	0.0033 - 0.0088
EDUCATION					
< HS	612	0.016	0.007 - 0.025	0.0117	0.0025 - 0.0209
HS	1797	0.0086	0.0029 - 0.0143	0.0079	0.0015 - 0.0144
> HS	2456	0.0023	0.0005 - 0.0041	0.003	0.0006 - 0.0053
INCOME					
<\$15,000	660	0.0154	0.0052 - 0.0256	0.011	0.0028 - 0.0193
\$15-24,999	838	0.0054	0.0009 - 0.0099	0.0032	0.0005 - 0.006
\$25-34,999	659	0.0104	0.0031 - 0.0177	0.0111	0.0027 - 0.0196
\$35-49,999	785	0.0044	0.0001 - 0.0087	0.005	0.0002 - 0.0097
\$50-74,999	666	0.0003	0 - 0.0009	0.0007	0 - 0.0021
\$75,000+	664	0	0 - 0	0	0 - 0

<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>CANCER: EVER TOLD BY A DOCTOR HAVE BLADDER CANCER</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4869	0.002	0.0002 - 0.0038	0.0019	0.0004 - 0.0035
REGION					
Central	617	0.0022	0 - 0.0055	0.0021	0 - 0.0054
Kansas City	928	0.0005	0 - 0.0015	0.0005	0 - 0.0015
Northeast	573	0	0 - 0	0	0 - 0
Northwest	630	0	0 - 0	0	0 - 0
Southeast	551	0	0 - 0	0	0 - 0
Southwest	628	0.0035	0 - 0.0078	0.003	0 - 0.0065
St. Louis	895	0.0033	0 - 0.0076	0.0034	0 - 0.0077
GENDER					
Female	2980	0.0011	0 - 0.0029	0.001	0 - 0.0023
Male	1889	0.003	0 - 0.0061	0.0033	0 - 0.0066
RACE					
Black	346	0	0 - 0	0	0 - 0
Other	311	0.0092	0 - 0.0255	0.0113	0 - 0.0305
White	4182	0.0016	0.0002 - 0.003	0.0014	0.0002 - 0.0026
EDUCATION					
< HS	612	0.0107	0 - 0.0246	0.005	0 - 0.0112
HS	1797	0.002	0 - 0.004	0.0015	0 - 0.0031
> HS	2456	0.0003	0 - 0.0009	0.0005	0 - 0.0015
INCOME					
<\$15,000	660	0.001	0 - 0.003	0.0006	0 - 0.0017
\$15-24,999	838	0.0116	0 - 0.0232	0.0072	0.0004 - 0.0141
\$25-34,999	659	0	0 - 0	0	0 - 0
\$35-49,999	785	0.0017	0 - 0.005	0.0021	0 - 0.0062
\$50-74,999	666	0	0 - 0	0	0 - 0
\$75,000+	664	0.0003	0 - 0.0009	0.0011	0 - 0.0032

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005**  
**CANCER: EVER TOLD BY A DOCTOR HAVE CANCER – (KIDNEY, NON-  
HODGKIN, OTHER)**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4869	0.0256	0.0189 - 0.0323	0.0252	0.0188 - 0.0317
<b>REGION</b>					
Central	617	0.0265	0.0143 - 0.0387	0.0257	0.014 - 0.0375
Kansas City	928	0.0263	0.0151 - 0.0375	0.0263	0.0149 - 0.0376
Northeast	573	0.0227	0.0113 - 0.0341	0.022	0.0102 - 0.0337
Northwest	630	0.0344	0.0209 - 0.0479	0.0349	0.0212 - 0.0486
Southeast	551	0.0357	0.0196 - 0.0518	0.0329	0.0173 - 0.0486
Southwest	628	0.0333	0.0192 - 0.0474	0.0327	0.0184 - 0.047
St. Louis	895	0.0191	0.0038 - 0.0344	0.0186	0.0039 - 0.0333
<b>GENDER</b>					
Female	2980	0.0334	0.022 - 0.0448	0.0332	0.0219 - 0.0446
Male	1889	0.0172	0.0115 - 0.0229	0.0172	0.0115 - 0.0229
<b>RACE</b>					
Black	346	0.0099	0 - 0.0205	0.0103	0 - 0.0217
Other	311	0.0544	0 - 0.1093	0.0597	0.0038 - 0.1156
White	4182	0.0243	0.0186 - 0.03	0.0235	0.0178 - 0.0292
<b>EDUCATION</b>					
< HS	612	0.0345	0.0192 - 0.0498	0.035	0.016 - 0.054
HS	1797	0.0266	0.0158 - 0.0374	0.026	0.0142 - 0.0377
> HS	2456	0.0232	0.0138 - 0.0326	0.0247	0.0153 - 0.0341
<b>INCOME</b>					
<\$15,000	660	0.0708	0.0242 - 0.1174	0.078	0.03 - 0.1261
\$15-24,999	838	0.0254	0.0131 - 0.0377	0.022	0.0108 - 0.0331
\$25-34,999	659	0.0181	0.0085 - 0.0277	0.0183	0.0075 - 0.0291
\$35-49,999	785	0.0236	0.0062 - 0.041	0.0218	0.0073 - 0.0363
\$50-74,999	666	0.014	0.0066 - 0.0214	0.0166	0.007 - 0.0262
\$75,000+	664	0.0165	0.0061 - 0.0269	0.025	0.0028 - 0.0471

## SECTION 16. CARDIOVASCULAR DISEASE AMONG MISSOURI ADULTS, 2005

### ***Description of BRFSS questions regarding Cardiovascular Disease:***

All respondents were asked if they had ever been told by a doctor they had a heart attack (also called a myocardial infarction), angina or coronary heart disease, and a stroke.

### ***Summary of Cardiovascular Disease:***

In 2005, 5% of Missouri adults reported that they had been told by a doctor that they had ever had angina, 5% a myocardial infarction (heart attack), and 3% a stroke. A higher percentage of adults with less than a high school education (8%) reported having angina, compared to those with less education. More men (6%) and whites (5%) have suffered from a heart attack than have women (4%) and blacks (3%). Rates of heart attack and stroke did not vary significantly by race and gender. Overall, the rates of angina, heart attack, and stroke were higher for respondents of lower education and income levels than they were for respondents of higher education and income levels. See the tables below for more detailed information on Cardiovascular Disease reporting in Missouri by region, gender, race, education and income.

### ***More information on Heart Disease***



Heart disease is caused by narrowing of the coronary arteries that feed the heart. Like any muscle, the heart needs a constant supply of oxygen and nutrients, which are carried to it by the blood in the coronary arteries. When the coronary arteries become narrowed or clogged by fat and cholesterol deposits and cannot supply enough blood to the heart, the result is coronary heart disease (CHD). If not enough oxygen-carrying blood reaches the heart, you may experience chest pain called angina. If the blood supply to a portion of the heart is completely cut off by total blockage of a coronary artery, the result is a heart attack. This is usually due to a sudden closure from a blood clot forming on top of a previous narrowing. It is important you recognize the warning signs of a heart attack and get help immediately.

### ***Warning Signs of a Heart Attack:***

***Chest discomfort.*** Most heart attacks involve discomfort in the center of the chest that lasts more than a few minutes, or that goes away and comes back. It can feel like uncomfortable pressure, squeezing, fullness or pain.

***Discomfort in other areas of the upper body.*** Symptoms can include pain or discomfort in one or both arms, the back, neck, jaw or stomach.

***Shortness of breath.*** This feeling often comes along with chest discomfort. But it can occur before the chest discomfort.

***Other signs.*** These may include breaking out in a cold sweat, nausea or lightheadedness.

***Don't delay. Call 9-1-1. Get to a hospital right away.*** Each heart attack can have different signs. When in doubt, check it out. Minutes matter! Don't wait more than a few minutes - 5 minutes at most to call 9-1-1 or the emergency number in your community.

Source: [Act in Time to Heart Attack Signs](#)

This information originated from the DHSS website at <http://www.dhss.mo.gov/HeartDisease/>

# **HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005** **CARDIOVASCULAR: TOLD BY DOCTOR HAVE CORONARY HEART DISEASE OR** **ANGINA**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	5110	0.0483	0.0414 - 0.0552	0.0464	0.0399 - 0.0529
<b>REGION</b>					
Central	650	0.0525	0.0358 - 0.0692	0.0534	0.0373 - 0.0694
Kansas City	987	0.0363	0.0259 - 0.0467	0.037	0.0272 - 0.0468
Northeast	595	0.0613	0.0427 - 0.0799	0.0537	0.0375 - 0.07
Northwest	652	0.0377	0.0228 - 0.0526	0.0357	0.0222 - 0.0492
Southeast	575	0.0938	0.0703 - 0.1173	0.0846	0.0636 - 0.1056
Southwest	654	0.0554	0.0336 - 0.0772	0.0518	0.0316 - 0.0719
St. Louis	943	0.0374	0.0239 - 0.0509	0.037	0.0241 - 0.0499
<b>GENDER</b>					
Female	3132	0.041	0.0328 - 0.0492	0.0373	0.0296 - 0.0449
Male	1978	0.0562	0.0448 - 0.0676	0.0579	0.0469 - 0.0689
<b>RACE</b>					
Black	386	0.0334	0.0065 - 0.0603	0.0386	0.0116 - 0.0657
Other	325	0.0551	0.0269 - 0.0833	0.0655	0.0344 - 0.0967
White	4361	0.0487	0.0413 - 0.0561	0.0453	0.0384 - 0.0522
<b>EDUCATION</b>					
< HS	647	0.0848	0.0589 - 0.1107	0.0669	0.0449 - 0.0888
HS	1897	0.0512	0.0389 - 0.0635	0.043	0.0323 - 0.0538
> HS	2561	0.0384	0.03 - 0.0468	0.0452	0.0358 - 0.0546
<b>INCOME</b>					
<\$15,000	692	0.0963	0.0691 - 0.1235	0.0886	0.0569 - 0.1204
\$15-24,999	884	0.065	0.0434 - 0.0866	0.053	0.0358 - 0.0703
\$25-34,999	685	0.0537	0.0365 - 0.0709	0.0492	0.0337 - 0.0647
\$35-49,999	815	0.0355	0.0216 - 0.0494	0.0409	0.0258 - 0.056
\$50-74,999	691	0.0389	0.0211 - 0.0567	0.0458	0.0249 - 0.0668
\$75,000+	690	0.0235	0.0113 - 0.0357	0.0389	0.0193 - 0.0585



HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005					
CARDIOVASCULAR: TOLD BY DOCTOR HAD A MYOCARDIAL INFARCTION					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5147	0.0521	0.045 - 0.0592	0.05	0.0435 - 0.0565
REGION					
Central	658	0.0684	0.0478 - 0.089	0.0705	0.0493 - 0.0917
Kansas City	996	0.041	0.0285 - 0.0535	0.0406	0.0282 - 0.0529
Northeast	595	0.0794	0.0518 - 0.107	0.0748	0.0452 - 0.1044
Northwest	657	0.0539	0.0347 - 0.0731	0.0525	0.0344 - 0.0705
Southeast	580	0.0768	0.0543 - 0.0993	0.0671	0.0479 - 0.0863
Southwest	657	0.056	0.038 - 0.074	0.0522	0.0357 - 0.0687
St. Louis	950	0.0399	0.0266 - 0.0532	0.0396	0.0273 - 0.0519
GENDER					
Female	3150	0.0414	0.0332 - 0.0496	0.0369	0.0297 - 0.0442
Male	1997	0.0637	0.0521 - 0.0753	0.0658	0.0544 - 0.0771
RACE					
Black	387	0.0269	0.0093 - 0.0445	0.0314	0.0124 - 0.0504
Other	330	0.0606	0.0357 - 0.0855	0.0692	0.0404 - 0.098
White	4391	0.053	0.0454 - 0.0606	0.0493	0.0422 - 0.0564
EDUCATION					
< HS	651	0.1069	0.0785 - 0.1353	0.0971	0.0649 - 0.1292
HS	1922	0.0581	0.0458 - 0.0704	0.0507	0.0399 - 0.0615
> HS	2569	0.0369	0.0287 - 0.0451	0.0451	0.0353 - 0.0549
INCOME					
<\$15,000	700	0.1023	0.077 - 0.1276	0.084	0.062 - 0.1059
\$15-24,999	889	0.0578	0.0404 - 0.0752	0.05	0.0337 - 0.0662
\$25-34,999	694	0.0697	0.0476 - 0.0918	0.0671	0.0462 - 0.0881
\$35-49,999	823	0.0298	0.0169 - 0.0427	0.0329	0.0188 - 0.047
\$50-74,999	691	0.0337	0.0176 - 0.0498	0.0495	0.0244 - 0.0746
\$75,000+	692	0.0254	0.0117 - 0.0391	0.0335	0.0126 - 0.0545

<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>CARDIOVASCULAR: TOLD BY DOCTOR HAD A STROKE</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5152	0.0338	0.0279 - 0.0397	0.0323	0.0268 - 0.0378
REGION					
Central	659	0.039	0.0241 - 0.0539	0.039	0.0245 - 0.0535
Kansas City	993	0.0245	0.0155 - 0.0335	0.0245	0.0157 - 0.0334
Northeast	596	0.0531	0.036 - 0.0702	0.0453	0.0312 - 0.0594
Northwest	660	0.0291	0.0154 - 0.0428	0.0268	0.0147 - 0.039
Southeast	580	0.0458	0.0282 - 0.0634	0.0391	0.0242 - 0.054
Southwest	660	0.0338	0.0213 - 0.0463	0.0313	0.0199 - 0.0427
St. Louis	950	0.0324	0.0195 - 0.0453	0.032	0.0197 - 0.0444
GENDER					
Female	3154	0.0359	0.0281 - 0.0437	0.0319	0.0253 - 0.0386
Male	1998	0.0315	0.0229 - 0.0401	0.0327	0.0239 - 0.0415
RACE					
Black	389	0.0204	0.0088 - 0.032	0.0254	0.0109 - 0.0399
Other	332	0.0458	0.024 - 0.0676	0.0508	0.0263 - 0.0753
White	4392	0.0339	0.0274 - 0.0404	0.0312	0.0253 - 0.0371
EDUCATION					
< HS	654	0.0854	0.0556 - 0.1152	0.0586	0.0372 - 0.08
HS	1922	0.038	0.0284 - 0.0476	0.031	0.0235 - 0.0384
> HS	2571	0.0206	0.0145 - 0.0267	0.0232	0.0166 - 0.0299
INCOME					
<\$15,000	702	0.0942	0.066 - 0.1224	0.0762	0.0525 - 0.0999
\$15-24,999	893	0.0644	0.0411 - 0.0877	0.0491	0.0319 - 0.0663
\$25-34,999	694	0.028	0.0145 - 0.0415	0.0252	0.0131 - 0.0374
\$35-49,999	820	0.0157	0.0069 - 0.0245	0.0172	0.0074 - 0.027
\$50-74,999	691	0.0095	0.0028 - 0.0162	0.0186	0.0045 - 0.0327
\$75,000+	692	0.0144	0.0038 - 0.025	0.012	0.0036 - 0.0205

## SECTION 17. DIABETES AMONG MISSOURI ADULTS, 2005

### ***Description of BRFSS questions regarding Diabetes:***

All respondents were asked if they had ever been told by a doctor they had diabetes. Women who had diabetes only during pregnancy were considered not to have diabetes. All respondents were also asked at what age they were first told they had diabetes. This analysis included percentages of respondents who were told they had diabetes at age 55 or older. Respondents who were told they had diabetes were asked if they were taking insulin or pills for diabetes and if they had seen a doctor in the past 12 months for diabetes. Diabetic respondents were asked how often they checked their blood glucose or sugar. This included a check by a family member or friend, but not times checked by a health professional. This analysis included percentages of respondents who had their blood glucose or sugar checked less than once per year, 1 to 2 times per year, and more than 2 times per year. In addition, diabetic respondents were asked if they had an annual comprehensive foot exam, checked their own feet for sores or irritations daily, and ever had foot sores or irritations that took more than 4 weeks to heal. These respondents were also asked if they had annual dilated eye exams and if they had ever been told by a doctor that diabetes had affected their eyes or they had retinopathy. This analysis included percentages of respondents who had annual dilated eye exams in the past year and over one year ago. Finally, respondents with diabetes were asked if they had ever taken a class to learn how to manage their diabetes.

### ***Summary of Diabetes:***

In 2005, 8% of Missouri adults reported that they had been told by a doctor that they had diabetes. Blacks (13%) reported a higher rate of diabetes than did whites (8%). A higher percentage of adults with less education and income reported having been diagnosed with diabetes compared to those with more education and income. Thirty five percent of Missouri adults reported receiving a diagnosis at age 55 or older. Thirty percent of Missourians are taking insulin and 69% are taking pills for their diabetes. Seventy two percent of Missouri adults with diabetes checked their blood glucose 1 or more times per day. Ten percent reported having one A1C test each year, 4% had 1 to 2 tests per year, and 74% had more than 2 per year. Adults with diabetes more often report having annual foot exams (72%) and comprehensive eye exams (64%). Twenty two percent of respondents reported being told by a doctor that diabetes had affected their eyes or that they have retinopathy. Over half of all Missouri respondents (56%) with diabetes have taken a class to learn how to manage their diabetes. See the tables below for more detailed information on Diabetes reporting in Missouri by region, gender, race, education and income.

### ***Additional information about Diabetes:***

Most of the food eaten is turned into glucose (sugar) for the body to use as energy. The pancreas, an organ near the stomach, makes a hormone called insulin to help glucose get into body cells. When someone has diabetes, the body either does not make enough insulin or cannot use its own insulin very well. This problem causes glucose to build up in the blood. The signs and symptoms of diabetes include the following: (Some people with diabetes will not experience any symptoms while others will have one or more of the following.)

- Being very thirsty.
- Urinating a lot—often at night.

- Having blurry vision from time to time.
- Feeling very tired much of the time.
- Losing weight without trying.
- Having very dry skin.
- Having sores that are slow to heal.

There are three main types of diabetes:

- Type 1. A person with type 1 diabetes requires insulin injections to stay alive.
- Type 2 occurs when the body does not produce enough or cannot utilize insulin properly. Some adults with type 2 diabetes may also require insulin.
- Gestational diabetes is a form of glucose intolerance that is diagnosed in some women during pregnancy.

The following risk factors make people more likely to get type 2 diabetes. Know the risk of diabetes by completing the [diabetes risk test](#) (.pdf).

- A family history of diabetes.
- History of gestational diabetes or gave birth to a baby weighing 9 pounds or more.
- Being of African American, American Indian, Alaska Native, Hispanic/Latino, or Asian/Pacific Islander heritage.
- Inactive lifestyle – exercises less than three times a week.
- Being overweight.
- Age over 45.
- Blood pressure greater than 140/90 mm/Hg.
- Abnormal lipid levels (cholesterol or triglycerides)
- Previously diagnosed with pre-diabetes.

There are 18.2 million Americans with diabetes and nearly one-third of them do not know it. Before people develop type 2 diabetes, they almost always have “pre-diabetes”—blood glucose levels that are higher than normal but not yet high enough to be diagnosed as diabetes. There are 41 million people in the United States, ages 40 to 74, who have pre-diabetes. Recent research has shown that some long-term damage to the body, especially the heart and circulatory system, may already be occurring during pre-diabetes. Know the risk of pre-diabetes by completing the [pre-diabetes risk test](#) (pdf). Diabetes can affect many parts of the body and can lead to serious complications such as blindness, kidney damage, loss of teeth, heart attack, stroke, and lower-limb amputation. People with diabetes and their health care providers can reduce the occurrence of these and other diabetes complications by controlling the levels for blood glucose, blood pressure, and blood lipids and by receiving other preventive care practices in a timely manner. For more information on diabetes, see a [diabetes fact sheet](#) (.pdf) or the websites listed under [related links](#).

This information originated from the DHSS website at <http://www.dhss.mo.gov/diabetes/>

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005					
DIABETES: TOLD BY DOCTOR HAVE DIABETES					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5017	0.0792	0.0698 - 0.0886	0.0766	0.0676 - 0.0856
REGION					
Central	645	0.0836	0.0597 - 0.1075	0.0832	0.0599 - 0.1066
Kansas City	973	0.0779	0.0577 - 0.0981	0.0771	0.0572 - 0.0971
Northeast	579	0.099	0.069 - 0.129	0.0939	0.0623 - 0.1254
Northwest	642	0.0777	0.0554 - 0.1	0.0782	0.0563 - 0.1002
Southeast	569	0.101	0.0761 - 0.1259	0.0957	0.0716 - 0.1198
Southwest	641	0.0935	0.0686 - 0.1184	0.0881	0.065 - 0.1113
St. Louis	918	0.0622	0.0444 - 0.08	0.0607	0.0439 - 0.0776
GENDER					
Female	3056	0.0795	0.0679 - 0.0911	0.074	0.0632 - 0.0848
Male	1961	0.0789	0.0642 - 0.0936	0.0808	0.0661 - 0.0955
RACE					
Black	370	0.1335	0.0874 - 0.1796	0.1546	0.1076 - 0.2016
Other	324	0.0752	0.045 - 0.1054	0.0856	0.0519 - 0.1193
White	4289	0.075	0.0652 - 0.0848	0.0706	0.0612 - 0.08
EDUCATION					
< HS	635	0.1638	0.1207 - 0.2069	0.1548	0.1001 - 0.2095
HS	1867	0.0855	0.0702 - 0.1008	0.077	0.0627 - 0.0913
> HS	2512	0.0578	0.0472 - 0.0684	0.0611	0.0502 - 0.0721
INCOME					
<\$15,000	675	0.1682	0.1259 - 0.2105	0.1535	0.1047 - 0.2023
\$15-24,999	875	0.1261	0.094 - 0.1582	0.1214	0.0867 - 0.1561
\$25-34,999	679	0.076	0.054 - 0.098	0.0745	0.0522 - 0.0969
\$35-49,999	801	0.0528	0.0373 - 0.0683	0.0545	0.0388 - 0.0702
\$50-74,999	678	0.0634	0.0418 - 0.085	0.0648	0.0419 - 0.0878
\$75,000+	677	0.0396	0.022 - 0.0572	0.0542	0.0243 - 0.0842

<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>DIABETES: DIAGNOSED WITH DIABETES AT AGE 55 OR OLDER</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	522	0.3521	0.2976 - 0.4066	0.1811	0.155 - 0.2072
REGION					
Central	68	0.4598	0.3124 - 0.6072	0.2395	0.1752 - 0.3038
Kansas City	90	0.3208	0.2106 - 0.431	0.2294	0.164 - 0.2949
Northeast	67	0.3455	0.2107 - 0.4803	0.1816	0.1324 - 0.2308
Northwest	59	0.3813	0.2404 - 0.5222	0.2346	0.1821 - 0.2871
Southeast	71	0.4679	0.343 - 0.5928	0.2926	0.2211 - 0.3642
Southwest	75	0.3222	0.2022 - 0.4422	0.1651	0.1218 - 0.2084
St. Louis	84	0.3028	0.1652 - 0.4404	0.1428	0.0721 - 0.2136
GENDER					
Female	311	0.2968	0.2347 - 0.3589	0.1496	0.1249 - 0.1743
Male	211	0.4108	0.3199 - 0.5017	0.2475	0.196 - 0.2991
RACE					
Black	57	0.2394	0.0828 - 0.396	0.1533	0.0677 - 0.239
Other	41		Insuff Data		Insuff Data
White	422	0.3703	0.3084 - 0.4322	0.1825	0.1539 - 0.2111
EDUCATION					
< HS	104	0.3765	0.2442 - 0.5088	0.1817	0.1155 - 0.248
HS	205	0.379	0.2973 - 0.4607	0.1997	0.1636 - 0.2358
> HS	213	0.314	0.2291 - 0.3989	0.1947	0.1537 - 0.2356
INCOME					
<\$15,000	122	0.38	0.2526 - 0.5074	0.1855	0.1401 - 0.231
\$15-24,999	118	0.3865	0.2636 - 0.5094	0.1958	0.1277 - 0.2638
\$25-34,999	69	0.4506	0.3083 - 0.5929	0.2415	0.1684 - 0.3146
\$35-49,999	62	0.301	0.175 - 0.427	0.2361	0.1945 - 0.2776
\$50-74,999	51	0.2189	0.0492 - 0.3886	0.202	0.0595 - 0.3445
\$75,000+	36		Insuff Data		Insuff Data

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005					
DIABETES: CURRENTLY TAKING INSULIN FOR DIABETES					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	540	0.3043	0.2479 - 0.3607	0.2919	0.1939 - 0.3899
REGION					
Central	70	0.1792	0.0849 - 0.2735	0.2816	0.0897 - 0.4734
Kansas City	91	0.3605	0.219 - 0.502	0.3658	0.1721 - 0.5594
Northeast	69	0.2796	0.1416 - 0.4176	0.2928	0.1726 - 0.4129
Northwest	61	0.2703	0.1427 - 0.3979	0.2298	0.091 - 0.3686
Southeast	73	0.2991	0.1731 - 0.4251	0.2815	0.1228 - 0.4403
Southwest	75	0.2482	0.1365 - 0.3599	0.3137	0.2545 - 0.3729
St. Louis	93	0.3622	0.2238 - 0.5006	0.4062	0.2553 - 0.5571
GENDER					
Female	324	0.2969	0.2308 - 0.363	0.2448	0.1534 - 0.3361
Male	216	0.3122	0.2189 - 0.4055	0.345	0.1976 - 0.4924
RACE					
Black	62	0.4014	0.2223 - 0.5805	0.4232	0.2926 - 0.5537
Other	42		Insuff Data		Insuff Data
White	434	0.2925	0.23 - 0.355	0.2844	0.1419 - 0.4269
EDUCATION					
< HS	109	0.4337	0.2855 - 0.5819	0.4531	0.3302 - 0.576
HS	214	0.298	0.2167 - 0.3793	0.2574	0.1592 - 0.3555
> HS	217	0.2343	0.1643 - 0.3043	0.2287	0.0974 - 0.3601
INCOME					
<\$15,000	125	0.4569	0.3193 - 0.5945	0.4289	0.3117 - 0.5461
\$15-24,999	121	0.3509	0.217 - 0.4848	0.2968	0.1314 - 0.4622
\$25-34,999	71	0.2546	0.1256 - 0.3836	0.2838	0.1402 - 0.4275
\$35-49,999	64	0.2617	0.129 - 0.3944	0.24	0.1022 - 0.3778
\$50-74,999	52	0.2087	0.0766 - 0.3408	0.1412	0.0461 - 0.2362
\$75,000+	36		Insuff Data		Insuff Data

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005					
DIABETES: CURRENTLY TAKING DIABETES PILLS					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	539	0.6874	0.6268 - 0.748	0.5873	0.4628 - 0.7117
REGION					
Central	70	0.6755	0.5148 - 0.8362	0.6477	0.5757 - 0.7196
Kansas City	91	0.683	0.5399 - 0.8261	0.621	0.4303 - 0.8118
Northeast	69	0.7465	0.6118 - 0.8812	0.7207	0.5989 - 0.8424
Northwest	61	0.618	0.4683 - 0.7677	0.4992	0.3402 - 0.6582
Southeast	73	0.7528	0.643 - 0.8626	0.7313	0.5813 - 0.8812
Southwest	75	0.7149	0.581 - 0.8488	0.6387	0.5513 - 0.7261
St. Louis	92	0.6279	0.4803 - 0.7755	0.5535	0.5003 - 0.6066
GENDER					
Female	324	0.7709	0.7105 - 0.8313	0.6827	0.5514 - 0.814
Male	215	0.5966	0.4966 - 0.6966	0.5131	0.3877 - 0.6385
RACE					
Black	62	0.6268	0.4416 - 0.812	0.605	0.4796 - 0.7304
Other	42		Insuff Data		Insuff Data
White	433	0.694	0.6266 - 0.7614	0.6023	0.4686 - 0.736
EDUCATION					
< HS	109	0.649	0.4977 - 0.8003	0.6257	0.5012 - 0.7502
HS	214	0.7568	0.6706 - 0.843	0.6469	0.4997 - 0.7941
> HS	216	0.6466	0.5545 - 0.7387	0.5158	0.411 - 0.6207
INCOME					
<\$15,000	125	0.68	0.5354 - 0.8246	0.5798	0.4219 - 0.7378
\$15-24,999	121	0.6389	0.4943 - 0.7835	0.5543	0.3949 - 0.7136
\$25-34,999	71	0.8611	0.7676 - 0.9546	0.8911	0.8098 - 0.9725
\$35-49,999	64	0.6441	0.5006 - 0.7876	0.5795	0.412 - 0.7471
\$50-74,999	52	0.7878	0.661 - 0.9146	0.8296	0.7138 - 0.9454
\$75,000+	35		Insuff Data		Insuff Data



HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005					
DIABETES: HAVE NOT SEEN A DOCTOR FOR DIABETES IN THE PAST YEAR					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	522	0.1191	0.0785 - 0.1597	0.1361	0.0651 - 0.207
REGION					
Central	66	0.2437	0.072 - 0.4154	0.2626	0.0991 - 0.4261
Kansas City	89	0.093	0.0248 - 0.1612	0.076	0.0215 - 0.1305
Northeast	65	0.1605	0 - 0.3314	0.1712	0.0106 - 0.3317
Northwest	59	0.115	0.0096 - 0.2204	0.1298	0 - 0.2721
Southeast	72	0.0921	0 - 0.1876	0.1159	0 - 0.2353
Southwest	74	0.1594	0.0522 - 0.2666	0.0921	0.0345 - 0.1498
St. Louis	89	0.064	0.0034 - 0.1246	0.0734	0 - 0.1655
GENDER					
Female	311	0.0751	0.0347 - 0.1155	0.0746	0.0266 - 0.1226
Male	211	0.1654	0.0943 - 0.2365	0.2099	0.0786 - 0.3412
RACE					
Black	58	0.076	0 - 0.1699	0.1409	0.005 - 0.2767
Other	41		Insuff Data		Insuff Data
White	421	0.127	0.08 - 0.174	0.1456	0.0576 - 0.2336
EDUCATION					
< HS	99	0.0798	0.0134 - 0.1462	0.0949	0 - 0.1986
HS	208	0.1325	0.057 - 0.208	0.2417	0.1104 - 0.373
> HS	215	0.1282	0.0667 - 0.1897	0.1121	0.0427 - 0.1815
INCOME					
<\$15,000	117	0.0556	0.0097 - 0.1015	0.061	0 - 0.1275
\$15-24,999	119	0.0924	0.0248 - 0.16	0.1162	0.0143 - 0.2181
\$25-34,999	71	0.2277	0.0921 - 0.3633	0.3008	0.0907 - 0.5109
\$35-49,999	64	0.114	0.0044 - 0.2236	0.1108	0 - 0.2323
\$50-74,999	51	0.1346	0.0215 - 0.2477	0.0693	0.0115 - 0.1271
\$75,000+	36		Insuff Data		Insuff Data

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005					
DIABETES: CHECK BLOOD GLUCOSE 1 OR MORE TIMES PER DAY					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	497	0.7225	0.6664 - 0.7786	0.6586	0.5335 - 0.7836
REGION					
Central	63	0.6207	0.4786 - 0.7628	0.4859	0.2311 - 0.7407
Kansas City	84	0.7946	0.6999 - 0.8893	0.8201	0.7276 - 0.9126
Northeast	64	0.7657	0.6538 - 0.8776	0.6907	0.6313 - 0.75
Northwest	56	0.7841	0.6657 - 0.9025	0.7863	0.6485 - 0.9241
Southeast	67	0.7463	0.6336 - 0.859	0.7076	0.5314 - 0.8838
Southwest	72	0.6437	0.503 - 0.7844	0.5914	0.4379 - 0.7449
St. Louis	84	0.7282	0.5881 - 0.8683	0.7252	0.5437 - 0.9067
GENDER					
Female	296	0.7594	0.6918 - 0.827	0.6906	0.5636 - 0.8176
Male	201	0.6844	0.5942 - 0.7746	0.6834	0.5439 - 0.823
RACE					
Black	55	0.7142	0.5403 - 0.8881	0.7536	0.5874 - 0.9198
Other	39		Insuff Data		Insuff Data
White	401	0.7245	0.662 - 0.787	0.6385	0.4973 - 0.7796
EDUCATION					
< HS	97	0.7517	0.618 - 0.8854	0.6936	0.5472 - 0.84
HS	201	0.7227	0.6463 - 0.7991	0.6487	0.4351 - 0.8623
> HS	199	0.7048	0.6125 - 0.7971	0.7119	0.5945 - 0.8293
INCOME					
<\$15,000	117	0.7313	0.5904 - 0.8722	0.698	0.5345 - 0.8615
\$15-24,999	109	0.7432	0.6105 - 0.8759	0.6785	0.4751 - 0.882
\$25-34,999	67	0.6544	0.5148 - 0.794	0.7336	0.5772 - 0.89
\$35-49,999	60	0.6823	0.541 - 0.8236	0.6497	0.4439 - 0.8555
\$50-74,999	50	0.7399	0.5998 - 0.88	0.8431	0.752 - 0.9343
\$75,000+	30		Insuff Data		Insuff Data

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005					
DIABETES: A1C TEST <1 TIME PER YEAR					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	452	0.1	0.0588 - 0.1412	0.1314	0.0505 - 0.2124
REGION					
Central	59	0.2447	0.0558 - 0.4336	0.2558	0.0908 - 0.4208
Kansas City	85	0.0477	0.0026 - 0.0928	0.0506	0 - 0.1086
Northeast	58	0.2038	0.0168 - 0.3908	0.3612	0.1989 - 0.5235
Northwest	55	0.0808	0 - 0.1649	0.0509	0 - 0.1024
Southeast	57	0.0955	0.0077 - 0.1833	0.1095	0 - 0.2218
Southwest	64	0.1193	0.0093 - 0.2293	0.0653	0.0056 - 0.1251
St. Louis	67	0.0424	0 - 0.0928	0.0498	0 - 0.1357
GENDER					
Female	273	0.0623	0.0231 - 0.1015	0.0898	0.0308 - 0.1488
Male	179	0.1423	0.0678 - 0.2168	0.2032	0.064 - 0.3423
RACE					
Black	42		Insuff Data		Insuff Data
Other	38		Insuff Data		Insuff Data
White	372	0.1123	0.0631 - 0.1615	0.1632	0.0613 - 0.2652
EDUCATION					
< HS	74	0.0732	0 - 0.1494	0.1058	0 - 0.2481
HS	179	0.1193	0.0401 - 0.1985	0.2926	0.21 - 0.3751
> HS	199	0.0945	0.0396 - 0.1494	0.0714	0.0306 - 0.1122
INCOME					
<\$15,000	97	0.1216	0.0358 - 0.2074	0.224	0.0931 - 0.355
\$15-24,999	98	0.1001	0.0215 - 0.1787	0.1537	0.0234 - 0.2841
\$25-34,999	64	0.1244	0.0152 - 0.2336	0.1225	0 - 0.2554
\$35-49,999	59	0.1209	0.01 - 0.2318	0.1204	0 - 0.2449
\$50-74,999	48		Insuff Data		Insuff Data
\$75,000+	35		Insuff Data		Insuff Data

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005					
DIABETES: A1C TESTS 1-2 TIMES PER YEAR					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	452	0.4251	0.3618 - 0.4884	0.4385	0.3117 - 0.5654
REGION					
Central	59	0.2769	0.1509 - 0.4029	0.1784	0.1049 - 0.2519
Kansas City	85	0.4383	0.3144 - 0.5622	0.4044	0.2317 - 0.5771
Northeast	58	0.3367	0.1868 - 0.4866	0.243	0.1134 - 0.3725
Northwest	55	0.4618	0.3034 - 0.6202	0.6017	0.4563 - 0.7472
Southeast	57	0.4256	0.2788 - 0.5724	0.4551	0.2904 - 0.6197
Southwest	64	0.4563	0.3032 - 0.6094	0.4483	0.2662 - 0.6304
St. Louis	67	0.5033	0.34 - 0.6666	0.5888	0.4718 - 0.7058
GENDER					
Female	273	0.4283	0.3485 - 0.5081	0.4038	0.2733 - 0.5344
Male	179	0.4214	0.321 - 0.5218	0.4644	0.3038 - 0.6249
RACE					
Black	42		Insuff Data		Insuff Data
Other	38		Insuff Data		Insuff Data
White	372	0.4186	0.3482 - 0.489	0.4441	0.3122 - 0.576
EDUCATION					
< HS	74	0.3696	0.2087 - 0.5305	0.3819	0.2796 - 0.4842
HS	179	0.4064	0.31 - 0.5028	0.3642	0.2566 - 0.4718
> HS	199	0.4652	0.3678 - 0.5626	0.46	0.3602 - 0.5598
INCOME					
<\$15,000	97	0.312	0.1793 - 0.4447	0.4582	0.2924 - 0.6241
\$15-24,999	98	0.4697	0.3168 - 0.6226	0.4632	0.2887 - 0.6376
\$25-34,999	64	0.4916	0.3383 - 0.6449	0.5752	0.4264 - 0.7239
\$35-49,999	59	0.4972	0.3437 - 0.6507	0.5074	0.3049 - 0.7099
\$50-74,999	48		Insuff Data		Insuff Data
\$75,000+	35		Insuff Data		Insuff Data

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005					
DIABETES: A1C TESTS 2+ TIMES PER YEAR					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	452	0.7403	0.6852 - 0.7954	0.7219	0.636 - 0.8077
REGION					
Central	59	0.6571	0.4764 - 0.8378	0.6782	0.5104 - 0.846
Kansas City	85	0.7956	0.7031 - 0.8881	0.8091	0.7062 - 0.912
Northeast	58	0.6126	0.4289 - 0.7963	0.4961	0.3685 - 0.6237
Northwest	55	0.7221	0.5706 - 0.8736	0.6307	0.5447 - 0.7167
Southeast	57	0.7392	0.5981 - 0.8803	0.7082	0.5318 - 0.8846
Southwest	64	0.715	0.5782 - 0.8518	0.8221	0.7231 - 0.9211
St. Louis	67	0.7814	0.6601 - 0.9027	0.7758	0.6011 - 0.9504
GENDER					
Female	273	0.7677	0.7016 - 0.8338	0.7565	0.6825 - 0.8306
Male	179	0.7096	0.619 - 0.8002	0.635	0.5156 - 0.7544
RACE					
Black	42		Insuff Data		Insuff Data
Other	38		Insuff Data		Insuff Data
White	372	0.7292	0.6663 - 0.7921	0.7108	0.6012 - 0.8203
EDUCATION					
< HS	74	0.8417	0.7459 - 0.9375	0.833	0.6842 - 0.9817
HS	179	0.7297	0.6358 - 0.8236	0.5527	0.4584 - 0.647
> HS	199	0.7062	0.6211 - 0.7913	0.7542	0.6591 - 0.8492
INCOME					
<\$15,000	97	0.7577	0.6485 - 0.8669	0.53	0.3957 - 0.6643
\$15-24,999	98	0.725	0.6025 - 0.8475	0.6922	0.5294 - 0.8551
\$25-34,999	64	0.666	0.5094 - 0.8226	0.5668	0.3594 - 0.7742
\$35-49,999	59	0.7706	0.6377 - 0.9035	0.7925	0.6561 - 0.9289
\$50-74,999	48		Insuff Data		Insuff Data
\$75,000+	35		Insuff Data		Insuff Data

<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>DIABETES: ANNUAL COMPREHENSIVE FOOT EXAM</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	522	0.7248	0.6685 - 0.7811	0.5978	0.5185 - 0.6772
REGION					
Central	69	0.5572	0.4016 - 0.7128	0.436	0.1869 - 0.6851
Kansas City	88	0.7473	0.6048 - 0.8898	0.6982	0.5246 - 0.8719
Northeast	65	0.5546	0.3858 - 0.7234	0.3558	0.2308 - 0.4809
Northwest	60	0.7473	0.6087 - 0.8859	0.755	0.5919 - 0.9181
Southeast	73	0.8215	0.7288 - 0.9142	0.7736	0.6386 - 0.9087
Southwest	73	0.6661	0.5242 - 0.808	0.699	0.6196 - 0.7784
St. Louis	86	0.8266	0.72 - 0.9332	0.7633	0.6664 - 0.8601
GENDER					
Female	311	0.7335	0.6651 - 0.8019	0.6321	0.5545 - 0.7097
Male	211	0.7156	0.6252 - 0.806	0.6696	0.5573 - 0.7819
RACE					
Black	58	0.7854	0.6141 - 0.9567	0.7623	0.6707 - 0.8538
Other	40		Insuff Data		Insuff Data
White	422	0.7143	0.6514 - 0.7772	0.5473	0.4574 - 0.6373
EDUCATION					
< HS	104	0.6613	0.5149 - 0.8077	0.4792	0.3543 - 0.604
HS	207	0.7381	0.655 - 0.8212	0.6133	0.5282 - 0.6984
> HS	211	0.7499	0.6705 - 0.8293	0.6838	0.6073 - 0.7602
INCOME					
<\$15,000	120	0.6551	0.5052 - 0.805	0.525	0.4172 - 0.6328
\$15-24,999	117	0.8194	0.7288 - 0.91	0.7585	0.6234 - 0.8935
\$25-34,999	71	0.6608	0.5232 - 0.7984	0.6341	0.4673 - 0.8009
\$35-49,999	64	0.7084	0.5753 - 0.8415	0.6941	0.5254 - 0.8629
\$50-74,999	49		Insuff Data		Insuff Data
\$75,000+	36		Insuff Data		Insuff Data

<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>DIABETES: CHECK OWN FEET FOR SORES OR IRRITATIONS DAILY</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	522	0.6901	0.6338 - 0.7464	0.6741	0.5865 - 0.7617
REGION					
Central	68	0.6407	0.4806 - 0.8008	0.6709	0.5067 - 0.8352
Kansas City	88	0.6833	0.5577 - 0.8089	0.6515	0.4631 - 0.8399
Northeast	65	0.7769	0.6648 - 0.889	0.6927	0.6315 - 0.7538
Northwest	59	0.6953	0.5659 - 0.8247	0.7827	0.6865 - 0.8789
Southeast	72	0.6358	0.5043 - 0.7673	0.5293	0.3849 - 0.6738
Southwest	72	0.68	0.5506 - 0.8094	0.6458	0.5788 - 0.7128
St. Louis	90	0.7162	0.5829 - 0.8495	0.6212	0.4146 - 0.8278
GENDER					
Female	312	0.7238	0.6581 - 0.7895	0.7121	0.6158 - 0.8083
Male	210	0.6547	0.5626 - 0.7468	0.5878	0.4216 - 0.754
RACE					
Black	61	0.7367	0.5766 - 0.8968	0.6641	0.4481 - 0.8801
Other	40		Insuff Data		Insuff Data
White	419	0.6897	0.6266 - 0.7528	0.664	0.5576 - 0.7705
EDUCATION					
< HS	105	0.7124	0.5948 - 0.83	0.7664	0.6349 - 0.8979
HS	209	0.6685	0.5803 - 0.7567	0.5691	0.4805 - 0.6577
> HS	208	0.6967	0.605 - 0.7884	0.6374	0.5318 - 0.7431
INCOME					
<\$15,000	123	0.755	0.6594 - 0.8506	0.8136	0.7187 - 0.9085
\$15-24,999	114	0.6548	0.5141 - 0.7955	0.6558	0.5045 - 0.8071
\$25-34,999	70	0.6815	0.5461 - 0.8169	0.5899	0.4582 - 0.7216
\$35-49,999	63	0.7005	0.5645 - 0.8365	0.6428	0.4358 - 0.8497
\$50-74,999	49		Insuff Data		Insuff Data
\$75,000+	522	0.6901	0.6338 - 0.7464	0.6741	0.5865 - 0.7617

**HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005**  
**DIABETES: EVER HAD SORES OR IRRITATIONS ON FEET THAT TOOK MORE**  
**THAN 4 WEEKS TO HEAL**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	<b>540</b>	<b>0.1125</b>	<b>0.0825 - 0.1425</b>	<b>0.1045</b>	<b>0.0651 - 0.1439</b>
<b>REGION</b>					
Central	70	0.1818	0.0801 - 0.2835	0.3308	0.0882 - 0.5735
Kansas City	91	0.092	0.0293 - 0.1547	0.0896	0.0112 - 0.168
Northeast	69	0.0813	0.0094 - 0.1532	0.2216	0.1842 - 0.2591
Northwest	61	0.151	0.0463 - 0.2557	0.1174	0.029 - 0.2058
Southeast	73	0.1509	0.0696 - 0.2322	0.1572	0.056 - 0.2583
Southwest	75	0.0578	0.0072 - 0.1084	0.0664	0 - 0.1411
St. Louis	93	0.0997	0.0399 - 0.1595	0.084	0 - 0.1683
<b>GENDER</b>					
Female	324	0.1552	0.1054 - 0.205	0.1716	0.0962 - 0.2471
Male	216	0.0665	0.0379 - 0.0951	0.0518	0.0259 - 0.0776
<b>RACE</b>					
Black	62	0.0799	0 - 0.1699	0.0697	0 - 0.1454
Other	42		Insuff Data		Insuff Data
White	434	0.1136	0.0809 - 0.1463	0.1018	0.0591 - 0.1445
<b>EDUCATION</b>					
< HS	109	0.109	0.041 - 0.177	0.1111	0.0265 - 0.1958
HS	214	0.1245	0.0741 - 0.1749	0.124	0.0485 - 0.1994
> HS	217	0.1037	0.0596 - 0.1478	0.1071	0.0377 - 0.1764
<b>INCOME</b>					
<\$15,000	125	0.1445	0.0788 - 0.2102	0.2005	0.0784 - 0.3226
\$15-24,999	121	0.1589	0.0797 - 0.2381	0.2539	0.1069 - 0.4009
\$25-34,999	71	0.0701	0 - 0.1465	0.0922	0 - 0.2128
\$35-49,999	64	0.1248	0.0282 - 0.2214	0.11	0.0066 - 0.2135
\$50-74,999	52	0.0697	0.0052 - 0.1342	0.0368	0.0027 - 0.0709
\$75,000+	36		Insuff Data		Insuff Data



<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>DIABETES: ANNUAL DILATED EYE EXAM WITHIN THE PAST YEAR</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	534	0.6439	0.5851 - 0.7027	0.5489	0.4266 - 0.6712
<b>REGION</b>					
Central	68	0.5877	0.4529 - 0.7225	0.519	0.44 - 0.598
Kansas City	90	0.6455	0.5018 - 0.7892	0.5736	0.3829 - 0.7643
Northeast	67	0.619	0.453 - 0.785	0.657	0.5319 - 0.782
Northwest	61	0.6985	0.5701 - 0.8269	0.7953	0.7053 - 0.8853
Southeast	72	0.6444	0.5223 - 0.7665	0.6146	0.4529 - 0.7763
Southwest	75	0.7009	0.5743 - 0.8275	0.5042	0.4225 - 0.586
St. Louis	93	0.6176	0.4749 - 0.7603	0.3604	0.2538 - 0.467
<b>GENDER</b>					
Female	322	0.6307	0.5588 - 0.7026	0.5855	0.461 - 0.7099
Male	212	0.6584	0.5629 - 0.7539	0.505	0.382 - 0.6281
<b>RACE</b>					
Black	62	0.6326	0.456 - 0.8092	0.5421	0.381 - 0.7032
Other	42		Insuff Data		Insuff Data
White	429	0.6343	0.5681 - 0.7005	0.5581	0.4681 - 0.648
<b>EDUCATION</b>					
< HS	108	0.59	0.4465 - 0.7335	0.4558	0.3847 - 0.527
HS	210	0.6644	0.5807 - 0.7481	0.5492	0.3732 - 0.7252
> HS	216	0.6576	0.5655 - 0.7497	0.5788	0.4344 - 0.7233
<b>INCOME</b>					
<\$15,000	125	0.5842	0.4458 - 0.7226	0.5337	0.4049 - 0.6624
\$15-24,999	121	0.6594	0.5214 - 0.7974	0.5886	0.4347 - 0.7424
\$25-34,999	70	0.5741	0.4259 - 0.7223	0.4759	0.2956 - 0.6562
\$35-49,999	64	0.5487	0.4009 - 0.6965	0.5191	0.3248 - 0.7133
\$50-74,999	52	0.7471	0.6093 - 0.8849	0.8494	0.7622 - 0.9366
\$75,000+	36		Insuff Data		Insuff Data

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005					
DIABETES: DILATED EYE EXAM OVER 1 YEAR AGO					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	534	0.3091	0.2532 - 0.365	0.3902	0.2638 - 0.5167
REGION					
Central	68	0.3848	0.2505 - 0.5191	0.4672	0.389 - 0.5454
Kansas City	90	0.312	0.1668 - 0.4572	0.3795	0.1874 - 0.5716
Northeast	67	0.3719	0.2055 - 0.5383	0.3386	0.2137 - 0.4634
Northwest	61	0.2718	0.1481 - 0.3955	0.1869	0.0989 - 0.2749
Southeast	72	0.2928	0.1774 - 0.4082	0.2884	0.1388 - 0.4379
Southwest	75	0.2781	0.1529 - 0.4033	0.4705	0.3793 - 0.5616
St. Louis	93	0.305	0.1768 - 0.4332	0.503	0.3276 - 0.6784
GENDER					
Female	322	0.3126	0.2434 - 0.3818	0.3543	0.2284 - 0.4801
Male	212	0.3052	0.2156 - 0.3948	0.4276	0.2839 - 0.5712
RACE					
Black	62	0.338	0.1616 - 0.5144	0.4242	0.2558 - 0.5925
Other	42		Insuff Data		Insuff Data
White	429	0.3171	0.2546 - 0.3796	0.3736	0.2705 - 0.4767
EDUCATION					
< HS	108	0.3813	0.2378 - 0.5248	0.5155	0.4402 - 0.5908
HS	210	0.3113	0.2286 - 0.394	0.4136	0.2348 - 0.5923
> HS	216	0.2649	0.1865 - 0.3433	0.3187	0.1754 - 0.462
INCOME					
<\$15,000	125	0.382	0.2423 - 0.5217	0.4432	0.3158 - 0.5706
\$15-24,999	121	0.2344	0.1201 - 0.3487	0.2815	0.11 - 0.453
\$25-34,999	70	0.3672	0.2278 - 0.5066	0.4733	0.2971 - 0.6495
\$35-49,999	64	0.4443	0.2961 - 0.5925	0.4765	0.2822 - 0.6707
\$50-74,999	52	0.2186	0.0871 - 0.3501	0.1325	0.048 - 0.217
\$75,000+	36		Insuff Data		Insuff Data

# HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005

## DIABETES: TOLD BY DOCTOR DIABETES HAD AFFECTED EYES OR HAVE RETINOPATHY

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	540	0.2219	0.1733 - 0.2705	0.1802	0.1136 - 0.2468
REGION					
Central	70	0.1297	0.0468 - 0.2126	0.0825	0.0269 - 0.1382
Kansas City	91	0.2115	0.1135 - 0.3095	0.1692	0.0763 - 0.2621
Northeast	69	0.2438	0.1054 - 0.3822	0.27	0.1495 - 0.3906
Northwest	61	0.2296	0.0944 - 0.3648	0.2767	0.1628 - 0.3906
Southeast	73	0.256	0.1498 - 0.3622	0.2396	0.1227 - 0.3564
Southwest	75	0.1605	0.0768 - 0.2442	0.1074	0.0359 - 0.179
St. Louis	93	0.2758	0.1449 - 0.4067	0.2339	0.0793 - 0.3886
GENDER					
Female	324	0.244	0.1785 - 0.3095	0.2066	0.1248 - 0.2883
Male	216	0.1982	0.1267 - 0.2697	0.1541	0.0982 - 0.2099
RACE					
Black	62	0.3009	0.1263 - 0.4755	0.1988	0.1024 - 0.2952
Other	42		Insuff Data		Insuff Data
White	434	0.2064	0.155 - 0.2578	0.1862	0.0757 - 0.2968
EDUCATION					
< HS	109	0.2971	0.1666 - 0.4276	0.1763	0.0977 - 0.2549
HS	214	0.243	0.1675 - 0.3185	0.1988	0.1284 - 0.2692
> HS	217	0.159	0.0975 - 0.2205	0.1807	0.0511 - 0.3102
INCOME					
<\$15,000	125	0.405	0.2725 - 0.5375	0.364	0.1992 - 0.5289
\$15-24,999	121	0.2072	0.1163 - 0.2981	0.1795	0.0735 - 0.2855
\$25-34,999	71	0.2097	0.0956 - 0.3238	0.2159	0.0587 - 0.3731
\$35-49,999	64	0.1918	0.0748 - 0.3088	0.1239	0.0557 - 0.1921
\$50-74,999	52	0.0603	0 - 0.1428	0.0434	0 - 0.0986
\$75,000+	36		Insuff Data		Insuff Data

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005					
DIABETES: EVER TAKEN A CLASS TO LEARN HOW TO MANAGE DIABETES					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	539	0.5617	0.5029 - 0.6205	0.555	0.4678 - 0.6423
REGION					
Central	70	0.5214	0.3736 - 0.6692	0.6875	0.6113 - 0.7638
Kansas City	91	0.7428	0.6421 - 0.8435	0.778	0.6798 - 0.8762
Northeast	69	0.4093	0.2572 - 0.5614	0.3727	0.2467 - 0.4988
Northwest	61	0.5898	0.4442 - 0.7354	0.669	0.513 - 0.825
Southeast	72	0.5032	0.3748 - 0.6316	0.4602	0.2973 - 0.6231
Southwest	75	0.5681	0.428 - 0.7082	0.588	0.4561 - 0.7199
St. Louis	93	0.4988	0.3547 - 0.6429	0.4903	0.29 - 0.6906
GENDER					
Female	323	0.5243	0.4504 - 0.5982	0.5066	0.4072 - 0.6059
Male	216	0.6018	0.5111 - 0.6925	0.6651	0.5492 - 0.7809
RACE					
Black	62	0.5589	0.3817 - 0.7361	0.4924	0.3058 - 0.679
Other	42		Insuff Data		Insuff Data
White	433	0.5622	0.4963 - 0.6281	0.5746	0.4495 - 0.6996
EDUCATION					
< HS	109	0.4269	0.2836 - 0.5702	0.4881	0.3597 - 0.6165
HS	214	0.5447	0.4565 - 0.6329	0.5761	0.4375 - 0.7146
> HS	216	0.6562	0.5711 - 0.7413	0.6311	0.4851 - 0.7772
INCOME					
<\$15,000	125	0.5595	0.4248 - 0.6942	0.5216	0.3848 - 0.6584
\$15-24,999	120	0.5146	0.379 - 0.6502	0.5997	0.4429 - 0.7565
\$25-34,999	71	0.4475	0.3062 - 0.5888	0.3534	0.2189 - 0.4878
\$35-49,999	64	0.5893	0.4454 - 0.7332	0.6216	0.4258 - 0.8174
\$50-74,999	52	0.6128	0.4486 - 0.777	0.735	0.606 - 0.864
\$75,000+	36		Insuff Data		Insuff Data

## SECTION 18. EPILEPSY AND SEIZURE DISORDER AMONG MISSOURI ADULTS, 2005

### ***Description of State added questions regarding Epilepsy and Seizure Disorder:***

All respondents were asked if they had ever been told by a doctor that they have had a seizure disorder or epilepsy. All respondents that reported ever having a seizure disorder or epilepsy were also asked if they were currently taking any medicine to control the seizure disorder or epilepsy and the number of seizures they had in the past 3 months. Respondents still experiencing seizures were asked if they had seen a neurologist or epilepsy specialist in the past year and to what extent epilepsy or its treatment had interfered with normal activities in the past month. Normal activities were defined as working, school, or socializing with family or friends.

### ***Summary of Epilepsy and Seizure Disorders:***

In 2005, 2% of Missouri adults reported that they had ever been told by a doctor that they had epilepsy or a seizure disorder. Thirty eight percent of Missouri adults having ever been diagnosed with epilepsy or a seizure disorder reported currently taking medications for epilepsy or a seizure disorder. Seventy seven percent of those ever diagnosed with epilepsy or a seizure disorder reported not having a seizure on any type in the past 3 months. See the tables below for more detailed information on Epilepsy reporting in Missouri by region, gender, race, education and income.

### ***Seizures***

***What is a Seizure?*** A ***seizure*** is an involuntary behavior that occurs abnormally and is generally associated with [epilepsy](#), but can come from other sources. ***Epileptic seizures*** are categorized by the location in the brain from which they originate and the two main categories of epileptic seizures are “partial” and “generalized.” ***Partial seizures*** begin in a discreet area of the brain. A simple partial seizure causes no change in consciousness. The patient may have weakness, numbness and unusual smells or tastes. Sometimes, there is twitching of the muscles or limbs, head turning from side to side, paralysis, sight changes or vertigo.

Complex partial seizures occur in the temporal lobe and consciousness is altered. The patient usually has a change in their ability to interact with their environment and may exhibit automatic behaviors such as walking in a circle, sitting and standing, or smacking their lips. Often, odd thoughts occur to the patient, such as a feeling of déjà vu or uncontrollable laughing or odd smells.

***Generalized seizures*** take place in larger areas of the brain and there are many sub-types. Grand mal seizures include specific movements of the arms and legs or face and may occur with a loss of consciousness. Sometimes there is yelling or crying before the person faints. They may also experience an aura, which is an unusual feeling that often warns the patient that seizure is coming on. The patient abruptly falls and begins to jerk and may become incontinent or drool or bite their tongue. This type of seizure usually lasts between 5 and 20 minutes and the patient may awake in a confused state or may sleep for a while. Sometimes, the patient has prolonged weakness after the event.

***Petit mal seizures*** include a brief loss of consciousness but there is not associated motor dysfunction and there is no aura prior to the seizure. Sometimes it just seems that the person is briefly stopping what they were doing, staring for a few seconds, and then continuing with their activity. The patient does not even have any memory of the event.

### **Epilepsy**

***What is Epilepsy?*** ***Epilepsy*** is a disease in which the affected person tends to have repeated seizures that start in the brain. Our brains function as our body's message center, and if there is a break in some or all of the brain functioning, a seizure can occur. The result of a seizure is that a person often collapses or faints. Sometimes, though, a person does not fall, but just "loses" time, unaware that they are being affected by a seizure.

Since ***epilepsy*** actually starts inside the brain, it is considered to be a neurological condition. A person might only have one seizure in their whole lifetime, or they may have repeated seizures. Only people with repeated seizures are referred to as epileptic. Anyone can have epilepsy and it is not certain just why it occurs. What is known about the disease is that it affects people of all ages, races, and economic income.

The important fact to remember is that a person's "seizure threshold" plays a key role in the disease. Each of us has an individual level of resistance, or tolerance, to seizures. This threshold is part of everyone's genetics and the chance for developing epilepsy is dependent upon the seizure threshold of your parents. People with lower seizure thresholds are more likely to have seizures than those with high thresholds. Someone with a high threshold is more likely to have seizures unrelated to epilepsy, perhaps as a result of an environmental incident, such as a head injury. This person would not be considered an epileptic and is unlikely to have had the seizure due to a genetic predisposition.

There are three types of epilepsy: ***Symptomatic epilepsy*** occurs when there is a known cause such as a head injury, brain infection, stroke or because of scar tissue on the brain.

***Idiopathic epilepsy*** shows no clear cause for the seizures and the affected person usually does not have other disabilities. This form is usually started from a low seizure threshold and is very treatable. ***Cryptogenic epilepsy*** is diagnosed when either of the other two forms is not definitively diagnosed and it is usually believed that a physical reason is the cause. Doctors will generally keep exploring until they find the cause for the seizures.

The good news for epilepsy sufferers is that, with the appropriate treatment, up to 80% of people become seizure free.

This information originated from the bestmedic websites at:

<http://www.bestmedic.co.uk/S/Seizures.htm> and  
<http://www.bestmedic.co.uk/E/Epilepsy.htm>

<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>EPILEPSY &amp; SEIZURE DISORDER: EVER TOLD BY DOCTOR HAVE EPILEPSY</b> <b>OR A SEIZURE DISORDER</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4873	0.0177	0.012 - 0.0234	0.0177	0.012 - 0.0234
REGION					
Central	619	0.0158	0.0029 - 0.0287	0.0153	0.0028 - 0.0278
Kansas City	932	0.0149	0.0039 - 0.0259	0.0155	0.0034 - 0.0277
Northeast	573	0.0426	0 - 0.0891	0.0399	0.0031 - 0.0768
Northwest	630	0.0189	0.0075 - 0.0303	0.0198	0.0079 - 0.0318
Southeast	552	0.0228	0.0075 - 0.0381	0.0238	0.0079 - 0.0397
Southwest	628	0.0275	0.0099 - 0.0451	0.029	0.0104 - 0.0477
St. Louis	893	0.0114	0.0014 - 0.0214	0.0115	0.0011 - 0.0219
GENDER					
Female	2985	0.0151	0.008 - 0.0222	0.0155	0.0082 - 0.0227
Male	1888	0.0205	0.0113 - 0.0297	0.02	0.011 - 0.0291
RACE					
Black	346	0.0142	0 - 0.0305	0.0151	0 - 0.0314
Other	311	0.0075	0 - 0.0155	0.0079	0 - 0.0163
White	4186	0.0191	0.0124 - 0.0258	0.0196	0.0128 - 0.0265
EDUCATION					
< HS	615	0.0239	0.0033 - 0.0445	0.0221	0.0062 - 0.0379
HS	1801	0.0204	0.0108 - 0.03	0.0206	0.0106 - 0.0306
> HS	2453	0.0149	0.0073 - 0.0225	0.0154	0.0076 - 0.0232
INCOME					
<\$15,000	660	0.0608	0.023 - 0.0986	0.0657	0.0287 - 0.1028
\$15-24,999	841	0.0286	0.0086 - 0.0486	0.0266	0.0094 - 0.0439
\$25-34,999	662	0.0158	0.0027 - 0.0289	0.0152	0.0024 - 0.0279
\$35-49,999	783	0.0064	0.0011 - 0.0117	0.0069	0.0014 - 0.0123
\$50-74,999	665	0.0103	0 - 0.0226	0.0158	0 - 0.0385
\$75,000+	663	0.0048	0.0001 - 0.0095	0.0044	0.0005 - 0.0084

<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>EPILEPSY &amp; SEIZURE DISORDER: CURRENTLY TAKING ANY MEDICATIONS</b> <b>FOR EPILEPSY OR SEIZURE DISORDER</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	87	0.3767	0.2279 - 0.5255	0.4718	0.3509 - 0.5928
REGION					
Central	8		Insuff Data		Insuff Data
Kansas City	12		Insuff Data		Insuff Data
Northeast	12		Insuff Data		Insuff Data
Northwest	14		Insuff Data		Insuff Data
Southeast	13		Insuff Data		Insuff Data
Southwest	15		Insuff Data		Insuff Data
St. Louis	13		Insuff Data		Insuff Data
GENDER					
Female	54	0.3646	0.161 - 0.5682	0.4164	0.2555 - 0.5774
Male	33		Insuff Data		Insuff Data
RACE					
Black	6		Insuff Data		Insuff Data
Other	7		Insuff Data		Insuff Data
White	74	0.3704	0.214 - 0.5268	0.4847	0.3536 - 0.6159
EDUCATION					
< HS	16		Insuff Data		Insuff Data
HS	33		Insuff Data		Insuff Data
> HS	38		Insuff Data		Insuff Data
INCOME					
<\$15,000	25		Insuff Data		Insuff Data
\$15-24,999	19		Insuff Data		Insuff Data
\$25-34,999	12		Insuff Data		Insuff Data
\$35-49,999	7		Insuff Data		Insuff Data
\$50-74,999	5		Insuff Data		Insuff Data
\$75,000+	7		Insuff Data		Insuff Data



<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>EPILEPSY &amp; SEIZURE DISORDER: NO SEIZURES OF ANY TYPE IN THE PAST 3 MONTHS</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	86	0.7667	0.643 - 0.8904	0.7109	0.5986 - 0.8232
REGION					
Central	9		Insuff Data		Insuff Data
Kansas City	12		Insuff Data		Insuff Data
Northeast	11		Insuff Data		Insuff Data
Northwest	14		Insuff Data		Insuff Data
Southeast	12		Insuff Data		Insuff Data
Southwest	15		Insuff Data		Insuff Data
St. Louis	13		Insuff Data		Insuff Data
GENDER					
Female	54	0.7174	0.5355 - 0.8993	0.6909	0.5298 - 0.852
Male	32		Insuff Data		Insuff Data
RACE					
Black	6		Insuff Data		Insuff Data
Other	7		Insuff Data		Insuff Data
White	73	0.7566	0.6212 - 0.892	0.6833	0.5569 - 0.8097
EDUCATION					
< HS	17		Insuff Data		Insuff Data
HS	31		Insuff Data		Insuff Data
> HS	38		Insuff Data		Insuff Data
INCOME					
<\$15,000	26		Insuff Data		Insuff Data
\$15-24,999	18		Insuff Data		Insuff Data
\$25-34,999	12		Insuff Data		Insuff Data
\$35-49,999	7		Insuff Data		Insuff Data
\$50-74,999	5		Insuff Data		Insuff Data
\$75,000+	7		Insuff Data		Insuff Data

<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>EPILEPSY &amp; SEIZURE DISORDER: HAD ONE SEIZURE OF ANY TYPE IN THE</b> <b>PAST 3 MONTHS</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	86	0.0465	0.0055 - 0.0875	0.0475	0.0078 - 0.0873
REGION					
Central	9		Insuff Data		Insuff Data
Kansas City	12		Insuff Data		Insuff Data
Northeast	11		Insuff Data		Insuff Data
Northwest	14		Insuff Data		Insuff Data
Southeast	12		Insuff Data		Insuff Data
Southwest	15		Insuff Data		Insuff Data
St. Louis	13		Insuff Data		Insuff Data
GENDER					
Female	54	0.0861	0.0008 - 0.1714	0.0837	0.0051 - 0.1623
Male	32		Insuff Data		Insuff Data
RACE					
Black	6		Insuff Data		Insuff Data
Other	7		Insuff Data		Insuff Data
White	73	0.0477	0.0028 - 0.0926	0.0487	0.0046 - 0.0928
EDUCATION					
< HS	17		Insuff Data		Insuff Data
HS	31		Insuff Data		Insuff Data
> HS	38		Insuff Data		Insuff Data
INCOME					
<\$15,000	26		Insuff Data		Insuff Data
\$15-24,999	18		Insuff Data		Insuff Data
\$25-34,999	12		Insuff Data		Insuff Data
\$35-49,999	7		Insuff Data		Insuff Data
\$50-74,999	5		Insuff Data		Insuff Data
\$75,000+	7		Insuff Data		Insuff Data

# **HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005** **EPILEPSY & SEIZURE DISORDER: HAD TWO OR MORE SEIZURES OF ANY** **TYPE IN THE PAST 3 MONTHS**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	<b>86</b>	<b>0.1794</b>	<b>0.063 - 0.2958</b>	<b>0.2273</b>	<b>0.1109 - 0.3438</b>
<b>REGION</b>					
Central	9		Insuff Data		Insuff Data
Kansas City	12		Insuff Data		Insuff Data
Northeast	11		Insuff Data		Insuff Data
Northwest	14		Insuff Data		Insuff Data
Southeast	12		Insuff Data		Insuff Data
Southwest	15		Insuff Data		Insuff Data
St. Louis	13		Insuff Data		Insuff Data
<b>GENDER</b>					
Female	54	0.1839	0.0275 - 0.3403	0.197	0.0571 - 0.337
Male	32		Insuff Data		Insuff Data
<b>RACE</b>					
Black	6		Insuff Data		Insuff Data
Other	7		Insuff Data		Insuff Data
White	73	0.1874	0.06 - 0.3148	0.2521	0.119 - 0.3852
<b>EDUCATION</b>					
< HS	17		Insuff Data		Insuff Data
HS	31		Insuff Data		Insuff Data
> HS	38		Insuff Data		Insuff Data
<b>INCOME</b>					
<\$15,000	26		Insuff Data		Insuff Data
\$15-24,999	18		Insuff Data		Insuff Data
\$25-34,999	12		Insuff Data		Insuff Data
\$35-49,999	7		Insuff Data		Insuff Data
\$50-74,999	5		Insuff Data		Insuff Data
\$75,000+	7		Insuff Data		Insuff Data

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005					
EPILEPSY & SEIZURE DISORDER: NO LONGER HAVE SEIZURES OF ANY TYPE					
Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	86	0.0075	0 - 0.0195	0.0142	0 - 0.0411
REGION					
Central	9		Insuff Data		Insuff Data
Kansas City	12		Insuff Data		Insuff Data
Northeast	11		Insuff Data		Insuff Data
Northwest	14		Insuff Data		Insuff Data
Southeast	12		Insuff Data		Insuff Data
Southwest	15		Insuff Data		Insuff Data
St. Louis	13		Insuff Data		Insuff Data
GENDER					
Female	54	0.0126	0 - 0.0379	0.0284	0 - 0.0876
Male	32		Insuff Data		Insuff Data
RACE					
Black	6		Insuff Data		Insuff Data
Other	7		Insuff Data		Insuff Data
White	73	0.0082	0 - 0.0215	0.0159	0 - 0.0455
EDUCATION					
< HS	17		Insuff Data		Insuff Data
HS	31		Insuff Data		Insuff Data
> HS	38		Insuff Data		Insuff Data
INCOME					
<\$15,000	26		Insuff Data		Insuff Data
\$15-24,999	18		Insuff Data		Insuff Data
\$25-34,999	12		Insuff Data		Insuff Data
\$35-49,999	7		Insuff Data		Insuff Data
\$50-74,999	5		Insuff Data		Insuff Data
\$75,000+	7		Insuff Data		Insuff Data

## V ADDITIONAL TOPICS

### SECTION 19. EMOTIONAL SUPPORT AND LIFE SATISFACTION AMONG MISSOURI ADULTS, 2005

***Description of BRFSS questions regarding Emotional Support and Life Satisfaction:***

All respondents were asked how often they get the social and emotional support needed and in general, how satisfied they are with their life. In the analyses, the percentage of adults who said they usually or always get the social and emotional support they need versus those who said they rarely or never get the social and emotional support they need were calculated. In addition, the percentage of adults who said they are satisfied or very satisfied with their life versus those who are dissatisfied or very dissatisfied with their life was analyzed.

***Summary of Emotional Support and Life Satisfaction:***

In 2005, 79% of Missouri adults reported that they usually or always get the social and emotional support they need. Whites (82%) and respondents of higher education and income levels more often usually or always received the social and emotional support needed as compared to Blacks (64%) and respondents of other races (69%). Eight percent of Missouri adults reported rarely or never getting the social and emotional support needed. Ninety four percent of Missouri adults reported being satisfied or very satisfied with life as compared to only 6% reporting being dissatisfied or very dissatisfied with life. As with emotional support, respondents with higher education and income levels had higher rates of being satisfied or very satisfied with life. See the tables below for more detailed information on Emotional Support and Life Satisfaction reporting in Missouri by region, gender, race, education and income.

HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005 EMOTIONAL SUPPORT AND LIFE SATISFACTION: ALWAYS OR USUALLY GET THE SOCIAL AND EMOTIONAL SUPPORT NEEDED Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4903	0.7915	0.7715 - 0.8115	0.792	0.7722 - 0.8118
REGION					
Central	623	0.785	0.748 - 0.822	0.7841	0.7471 - 0.8211
Kansas City	942	0.8062	0.776 - 0.8364	0.804	0.7728 - 0.8352
Northeast	575	0.779	0.7267 - 0.8313	0.7784	0.7261 - 0.8307
Northwest	634	0.8177	0.7799 - 0.8555	0.8183	0.7816 - 0.855
Southeast	550	0.7738	0.7336 - 0.814	0.7734	0.7328 - 0.8139
Southwest	635	0.8028	0.7632 - 0.8424	0.8064	0.7664 - 0.8464
St. Louis	896	0.783	0.7348 - 0.8312	0.7813	0.7331 - 0.8295
GENDER					
Female	3009	0.8003	0.7789 - 0.8217	0.7981	0.7761 - 0.82
Male	1894	0.7818	0.7475 - 0.8161	0.783	0.7508 - 0.8151
RACE					
Black	352	0.6367	0.5587 - 0.7147	0.6399	0.5647 - 0.7152
Other	314	0.689	0.5988 - 0.7792	0.6883	0.6075 - 0.769
White	4206	0.8158	0.7948 - 0.8368	0.8154	0.7937 - 0.8372
EDUCATION					
< HS	612	0.633	0.5732 - 0.6928	0.6023	0.5267 - 0.678
HS	1812	0.7574	0.7174 - 0.7974	0.7588	0.7202 - 0.7975
> HS	2475	0.8438	0.8211 - 0.8665	0.8448	0.8228 - 0.8667
INCOME					
<\$15,000	663	0.6052	0.544 - 0.6664	0.5794	0.5134 - 0.6455
\$15-24,999	849	0.7204	0.6765 - 0.7643	0.7048	0.6581 - 0.7514
\$25-34,999	668	0.7319	0.6739 - 0.7899	0.7358	0.6791 - 0.7924
\$35-49,999	792	0.8077	0.7624 - 0.853	0.8113	0.767 - 0.8556
\$50-74,999	671	0.8935	0.8608 - 0.9262	0.8947	0.8602 - 0.9292
\$75,000+	667	0.9091	0.8777 - 0.9405	0.9182	0.8913 - 0.945

<b>HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005</b> <b>EMOTIONAL SUPPORT AND LIFE SATISFACTION: RARELY OR NEVER GET THE</b> <b>SOCIAL AND EMOTIONAL SUPPORT NEEDED</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4903	0.0814	0.0649 - 0.0979	0.0797	0.0636 - 0.0958
<b>REGION</b>					
Central	623	0.065	0.0432 - 0.0868	0.0638	0.0428 - 0.0848
Kansas City	942	0.079	0.059 - 0.099	0.0795	0.0587 - 0.1002
Northeast	575	0.0738	0.0485 - 0.0991	0.0758	0.0486 - 0.103
Northwest	634	0.0598	0.0377 - 0.0819	0.0596	0.0378 - 0.0813
Southeast	550	0.1043	0.0741 - 0.1345	0.1025	0.0721 - 0.1329
Southwest	635	0.0765	0.0489 - 0.1041	0.0723	0.0444 - 0.1001
St. Louis	896	0.0872	0.0445 - 0.1299	0.0882	0.0462 - 0.1301
<b>GENDER</b>					
Female	3009	0.0749	0.06 - 0.0898	0.0746	0.0597 - 0.0895
Male	1894	0.0884	0.058 - 0.1188	0.0867	0.0595 - 0.114
<b>RACE</b>					
Black	352	0.0967	0.0573 - 0.1361	0.1002	0.0581 - 0.1423
Other	314	0.1953	0.1075 - 0.2831	0.1991	0.1188 - 0.2795
White	4206	0.0692	0.052 - 0.0864	0.0689	0.051 - 0.0867
<b>EDUCATION</b>					
< HS	612	0.1858	0.1335 - 0.2381	0.1918	0.1359 - 0.2476
HS	1812	0.0969	0.0589 - 0.1349	0.0927	0.0578 - 0.1276
> HS	2475	0.051	0.0357 - 0.0663	0.0506	0.0364 - 0.0647
<b>INCOME</b>					
<\$15,000	663	0.1808	0.1277 - 0.2339	0.1865	0.135 - 0.2381
\$15-24,999	849	0.1217	0.0933 - 0.1501	0.1261	0.0959 - 0.1562
\$25-34,999	668	0.1249	0.0747 - 0.1751	0.123	0.0732 - 0.1728
\$35-49,999	792	0.0567	0.0279 - 0.0855	0.0599	0.0295 - 0.0903
\$50-74,999	671	0.0214	0.0081 - 0.0347	0.0208	0.0079 - 0.0337
\$75,000+	667	0.0153	0.0049 - 0.0257	0.0128	0.0044 - 0.0213

# HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005

## EMOTIONAL SUPPORT AND LIFE SATISFACTION: VERY SATISFIED OR SATISFIED WITH LIFE

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4916	0.939	0.9274 - 0.9506	0.9388	0.9272 - 0.9503
REGION					
Central	626	0.9416	0.9202 - 0.963	0.9386	0.9161 - 0.9611
Kansas City	943	0.9301	0.9097 - 0.9505	0.9296	0.9087 - 0.9506
Northeast	578	0.8967	0.8469 - 0.9465	0.8985	0.8534 - 0.9436
Northwest	631	0.9373	0.9134 - 0.9612	0.9354	0.9124 - 0.9583
Southeast	557	0.9338	0.913 - 0.9546	0.931	0.9086 - 0.9533
Southwest	636	0.9552	0.9368 - 0.9736	0.9553	0.9363 - 0.9743
St. Louis	897	0.9427	0.9149 - 0.9705	0.9424	0.9142 - 0.9707
GENDER					
Female	3012	0.9333	0.919 - 0.9476	0.932	0.9175 - 0.9465
Male	1904	0.9452	0.9268 - 0.9636	0.9457	0.9276 - 0.9637
RACE					
Black	355	0.9202	0.8853 - 0.9551	0.9187	0.8842 - 0.9532
Other	313	0.9041	0.8441 - 0.9641	0.9022	0.844 - 0.9604
White	4218	0.9436	0.9314 - 0.9558	0.9429	0.9301 - 0.9556
EDUCATION					
< HS	622	0.8868	0.8509 - 0.9227	0.8651	0.8212 - 0.909
HS	1821	0.94	0.9251 - 0.9549	0.9382	0.9227 - 0.9537
> HS	2470	0.9488	0.9314 - 0.9662	0.9513	0.9345 - 0.9682
INCOME					
<\$15,000	667	0.7923	0.7317 - 0.8529	0.7625	0.6974 - 0.8276
\$15-24,999	848	0.9017	0.8737 - 0.9297	0.8911	0.8609 - 0.9213
\$25-34,999	669	0.9736	0.9628 - 0.9844	0.9711	0.959 - 0.9833
\$35-49,999	790	0.9327	0.9017 - 0.9637	0.936	0.9091 - 0.9629
\$50-74,999	672	0.981	0.9692 - 0.9928	0.9848	0.9756 - 0.994
\$75,000+	668	0.9866	0.9766 - 0.9966	0.9851	0.9739 - 0.9963



# **HEALTH CONDITIONS AMONG MISSOURI ADULTS, 2005** **EMOTIONAL SUPPORT AND LIFE SATISFACTION: VERY DISATISFIED OR** **DISATISFIED WITH LIFE**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4916	0.061	0.0494 - 0.0726	0.0612	0.0497 - 0.0728
<b>REGION</b>					
Central	626	0.0584	0.037 - 0.0798	0.0614	0.0389 - 0.0839
Kansas City	943	0.0699	0.0495 - 0.0903	0.0704	0.0494 - 0.0913
Northeast	578	0.1033	0.0535 - 0.1531	0.1015	0.0564 - 0.1466
Northwest	631	0.0627	0.0388 - 0.0866	0.0646	0.0417 - 0.0876
Southeast	557	0.0662	0.0454 - 0.087	0.069	0.0467 - 0.0914
Southwest	636	0.0448	0.0264 - 0.0632	0.0447	0.0257 - 0.0637
St. Louis	897	0.0573	0.0295 - 0.0851	0.0576	0.0293 - 0.0858
<b>GENDER</b>					
Female	3012	0.0667	0.0524 - 0.081	0.068	0.0535 - 0.0825
Male	1904	0.0548	0.0364 - 0.0732	0.0543	0.0363 - 0.0724
<b>RACE</b>					
Black	355	0.0798	0.0449 - 0.1147	0.0813	0.0468 - 0.1158
Other	313	0.0959	0.0359 - 0.1559	0.0978	0.0396 - 0.156
White	4218	0.0564	0.0442 - 0.0686	0.0571	0.0444 - 0.0699
<b>EDUCATION</b>					
< HS	622	0.1132	0.0773 - 0.1491	0.1349	0.091 - 0.1788
HS	1821	0.06	0.0451 - 0.0749	0.0618	0.0463 - 0.0773
> HS	2470	0.0512	0.0338 - 0.0686	0.0487	0.0318 - 0.0655
<b>INCOME</b>					
<\$15,000	667	0.2077	0.1471 - 0.2683	0.2375	0.1724 - 0.3026
\$15-24,999	848	0.0983	0.0703 - 0.1263	0.1089	0.0787 - 0.1391
\$25-34,999	669	0.0264	0.0156 - 0.0372	0.0289	0.0167 - 0.041
\$35-49,999	790	0.0673	0.0363 - 0.0983	0.064	0.0371 - 0.0909
\$50-74,999	672	0.019	0.0072 - 0.0308	0.0152	0.006 - 0.0244
\$75,000+	668	0.0134	0.0034 - 0.0234	0.0149	0.0037 - 0.0261

## SECTION 20. HIV/AIDS AMONG MISSOURI ADULTS, 2005

### ***Description of BRFSS questions regarding HIV/AIDS:***

All respondents were asked if they had ever been tested for HIV and in what month and year was their last HIV test, not counting tests they may have had as part of a blood donation. Respondents were asked where they had their last HIV test. This analysis included percentages of respondents who had their last HIV test at a private doctor's or HMO office, at a hospital or clinic, and somewhere else. Respondents were asked if they were in any of the following situations which can be considered risk behavior for HIV: intravenous drug use in the past year, treatment for sexually transmitted or venereal disease in the past year, given or received money or drugs in exchange for sex in the past year, and had anal sex without a condom in the past year.

### ***Summary of HIV/AIDS:***

In 2005, 4% of Missouri adults were at risk for HIV. More women (5%) than men (2%) were considered at risk. Thirty seven percent reported ever being tested for HIV. More blacks (60%) than whites (33%) reported they had been tested. Fourteen percent of respondents reported being tested at a private doctor's office or HMO office, 15% at a hospital or clinic, and 7 % at another place. See the tables below for more detailed information on HIV/AIDS in Missouri by region, gender, race, education and income.

### ***Additional HIV/AIDS Information:***

Go to the DHSS website at [http://www.dhss.mo.gov/HIV\\_STD\\_AIDS/](http://www.dhss.mo.gov/HIV_STD_AIDS/)

ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005 HIV/AIDS: PEOPLE AT RISK FOR HIV Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	3526	0.0369	0.0271 - 0.0467	0.037	0.0272 - 0.0468
REGION					
Central	460	0.0445	0.0169 - 0.0721	0.038	0.0167 - 0.0594
Kansas City	679	0.0417	0.0205 - 0.0629	0.0442	0.0216 - 0.0667
Northeast	385	0.0156	0.0027 - 0.0285	0.0148	0.003 - 0.0266
Northwest	478	0.0394	0.0171 - 0.0617	0.0367	0.0161 - 0.0573
Southeast	387	0.022	0.003 - 0.041	0.0224	0.0034 - 0.0414
Southwest	441	0.0378	0.0113 - 0.0643	0.0374	0.0123 - 0.0625
St. Louis	665	0.0377	0.0181 - 0.0573	0.0392	0.0182 - 0.0602
GENDER					
Female	2108	0.0511	0.0339 - 0.0683	0.0524	0.0355 - 0.0692
Male	1418	0.0225	0.0139 - 0.0311	0.0219	0.0133 - 0.0305
RACE					
Black	277	0.0536	0.025 - 0.0822	0.0506	0.0239 - 0.0772
Other	240	0.0864	0.0303 - 0.1425	0.0728	0.0289 - 0.1167
White	2995	0.0306	0.0206 - 0.0406	0.0314	0.0212 - 0.0416
EDUCATION					
< HS	305	0.0726	0.0287 - 0.1165	0.0693	0.0283 - 0.1102
HS	1210	0.038	0.0223 - 0.0537	0.0375	0.0218 - 0.0532
> HS	2010	0.0313	0.0188 - 0.0438	0.0322	0.0189 - 0.0456
INCOME					
<\$15,000	377	0.0807	0.0399 - 0.1215	0.0746	0.0395 - 0.1097
\$15-24,999	519	0.0539	0.0257 - 0.0821	0.0474	0.0245 - 0.0704
\$25-34,999	465	0.0365	0.0061 - 0.0669	0.0356	0.0073 - 0.0638
\$35-49,999	631	0.0541	0.0271 - 0.0811	0.0525	0.0258 - 0.0791
\$50-74,999	608	0.0216	0.0063 - 0.0369	0.0279	0 - 0.0571
\$75,000+	602	0.0191	0 - 0.0424	0.0384	0 - 0.0887

<b>ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005</b> <b>HIV/AIDS: EVER BEEN TESTED FOR HIV</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	3476	0.367	0.3421 - 0.3919	0.3773	0.3528 - 0.4018
<b>REGION</b>					
Central	451	0.3964	0.3421 - 0.4507	0.4097	0.358 - 0.4615
Kansas City	668	0.4107	0.3672 - 0.4542	0.4153	0.3728 - 0.4579
Northeast	381	0.2732	0.2187 - 0.3277	0.2866	0.2338 - 0.3393
Northwest	472	0.3279	0.2701 - 0.3857	0.3301	0.2798 - 0.3805
Southeast	383	0.3227	0.2676 - 0.3778	0.3361	0.282 - 0.3902
Southwest	436	0.2831	0.2339 - 0.3323	0.2966	0.2476 - 0.3456
St. Louis	654	0.4025	0.3455 - 0.4595	0.4098	0.3528 - 0.4668
<b>GENDER</b>					
Female	2080	0.3793	0.3475 - 0.4111	0.3923	0.361 - 0.4237
Male	1396	0.3545	0.3163 - 0.3927	0.3628	0.3258 - 0.3998
<b>RACE</b>					
Black	274	0.5986	0.5118 - 0.6854	0.5885	0.5097 - 0.6672
Other	232	0.4912	0.3832 - 0.5992	0.5161	0.4175 - 0.6147
White	2957	0.3309	0.305 - 0.3568	0.3421	0.3164 - 0.3678
<b>EDUCATION</b>					
< HS	302	0.3153	0.2438 - 0.3868	0.3368	0.2543 - 0.4193
HS	1194	0.3035	0.2631 - 0.3439	0.3259	0.2859 - 0.3659
> HS	1979	0.4071	0.3738 - 0.4404	0.4088	0.3752 - 0.4423
<b>INCOME</b>					
<\$15,000	367	0.4949	0.411 - 0.5788	0.5207	0.4368 - 0.6046
\$15-24,999	515	0.3575	0.2993 - 0.4157	0.3799	0.324 - 0.4357
\$25-34,999	459	0.4317	0.3596 - 0.5038	0.434	0.3625 - 0.5056
\$35-49,999	623	0.3836	0.3254 - 0.4418	0.3764	0.3193 - 0.4334
\$50-74,999	601	0.3525	0.2972 - 0.4078	0.3426	0.2832 - 0.402
\$75,000+	592	0.3406	0.2859 - 0.3953	0.3489	0.2809 - 0.417

<b>ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005</b> <b>HIV/AIDS: TESTED FOR HIV IN THE LAST 3 YEARS</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	1125	0.4614	0.4173 - 0.5055	0.4704	0.4285 - 0.5123
<b>REGION</b>					
Central	151	0.5005	0.4062 - 0.5948	0.4909	0.4043 - 0.5776
Kansas City	245	0.4668	0.3949 - 0.5387	0.4912	0.4265 - 0.5559
Northeast	98	0.4816	0.3646 - 0.5986	0.4759	0.3787 - 0.5732
Northwest	125	0.4854	0.3758 - 0.595	0.4373	0.3438 - 0.5308
Southeast	120	0.4722	0.3654 - 0.579	0.4669	0.3664 - 0.5674
Southwest	121	0.3868	0.2851 - 0.4885	0.4264	0.3268 - 0.5259
St. Louis	259	0.4589	0.3668 - 0.551	0.476	0.3938 - 0.5581
<b>GENDER</b>					
Female	684	0.4472	0.3906 - 0.5038	0.4292	0.3753 - 0.4831
Male	441	0.4769	0.4087 - 0.5451	0.5072	0.4445 - 0.5699
<b>RACE</b>					
Black	145	0.6576	0.5373 - 0.7779	0.5827	0.4825 - 0.6828
Other	101	0.5314	0.3799 - 0.6829	0.5931	0.4982 - 0.688
White	873	0.4148	0.3666 - 0.463	0.4217	0.3803 - 0.463
<b>EDUCATION</b>					
< HS	92	0.5667	0.4297 - 0.7037	0.5314	0.403 - 0.6598
HS	330	0.5099	0.4327 - 0.5871	0.5117	0.4463 - 0.5772
> HS	702	0.4322	0.3752 - 0.4892	0.4529	0.3976 - 0.5081
<b>INCOME</b>					
<\$15,000	142	0.6233	0.5037 - 0.7429	0.6048	0.4864 - 0.7232
\$15-24,999	185	0.5376	0.4451 - 0.6301	0.5193	0.4311 - 0.6075
\$25-34,999	150	0.5308	0.405 - 0.6566	0.5201	0.3952 - 0.6449
\$35-49,999	207	0.4784	0.3728 - 0.584	0.4845	0.3973 - 0.5717
\$50-74,999	183	0.3951	0.2938 - 0.4964	0.4374	0.3535 - 0.5212
\$75,000+	180	0.283	0.1923 - 0.3737	0.34	0.2503 - 0.4298

<b>ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005</b> <b>HIV/AIDS: LAST TESTED FOR HIV AT A PRIVATE DOCTORS OR HMO OFFICE</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	3461	0.1444	0.1272 - 0.1616	0.1493	0.1319 - 0.1668
REGION					
Central	449	0.1494	0.109 - 0.1898	0.1579	0.1171 - 0.1986
Kansas City	666	0.192	0.1565 - 0.2275	0.1941	0.1586 - 0.2296
Northeast	381	0.0928	0.0609 - 0.1247	0.0978	0.0661 - 0.1296
Northwest	470	0.1066	0.0684 - 0.1448	0.1046	0.0703 - 0.1389
Southeast	382	0.1068	0.0735 - 0.1401	0.1059	0.0726 - 0.1392
Southwest	433	0.1133	0.0812 - 0.1454	0.1197	0.0858 - 0.1537
St. Louis	649	0.1523	0.1139 - 0.1907	0.1563	0.1175 - 0.1951
GENDER					
Female	2072	0.1747	0.1508 - 0.1986	0.1834	0.1591 - 0.2077
Male	1389	0.1135	0.0892 - 0.1378	0.1153	0.0908 - 0.1398
RACE					
Black	272	0.2689	0.1825 - 0.3553	0.2682	0.1878 - 0.3485
Other	231	0.1139	0.0669 - 0.1609	0.12	0.0728 - 0.1672
White	2945	0.1356	0.1178 - 0.1534	0.1403	0.1218 - 0.1587
EDUCATION					
< HS	301	0.0507	0.024 - 0.0774	0.0522	0.023 - 0.0814
HS	1187	0.127	0.099 - 0.155	0.1347	0.1057 - 0.1637
> HS	1972	0.1672	0.1431 - 0.1913	0.1682	0.1439 - 0.1925
INCOME					
<\$15,000	365	0.1965	0.1261 - 0.2669	0.2068	0.1337 - 0.2799
\$15-24,999	515	0.1134	0.0785 - 0.1483	0.1188	0.0825 - 0.155
\$25-34,999	459	0.1603	0.1074 - 0.2132	0.161	0.112 - 0.21
\$35-49,999	618	0.1563	0.1144 - 0.1982	0.155	0.1119 - 0.1982
\$50-74,999	600	0.1712	0.1261 - 0.2163	0.1723	0.1214 - 0.2233
\$75,000+	588	0.1321	0.0974 - 0.1668	0.1285	0.0952 - 0.1619

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005**  
**HIV/AIDS: LAST TESTED FOR HIV AT A HOSPITAL OR CLINIC**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	3461	0.1517	0.1321 - 0.1713	0.1548	0.1352 - 0.1744
<b>REGION</b>					
Central	449	0.175	0.1313 - 0.2187	0.1783	0.1355 - 0.221
Kansas City	666	0.1424	0.1116 - 0.1732	0.1438	0.1127 - 0.175
Northeast	381	0.1268	0.0854 - 0.1682	0.1301	0.0876 - 0.1726
Northwest	470	0.1721	0.1239 - 0.2203	0.1736	0.1301 - 0.2171
Southeast	382	0.1405	0.1009 - 0.1801	0.154	0.1121 - 0.196
Southwest	433	0.1013	0.0699 - 0.1327	0.1053	0.0726 - 0.1381
St. Louis	649	0.1765	0.1297 - 0.2233	0.1775	0.1301 - 0.225
<b>GENDER</b>					
Female	2072	0.1525	0.1268 - 0.1782	0.1559	0.1304 - 0.1813
Male	1389	0.1509	0.1213 - 0.1805	0.1542	0.1246 - 0.1838
<b>RACE</b>					
Black	272	0.2143	0.1373 - 0.2913	0.2085	0.1407 - 0.2763
Other	231	0.2916	0.1852 - 0.398	0.3095	0.2082 - 0.4109
White	2945	0.1304	0.1116 - 0.1492	0.1347	0.1151 - 0.1543
<b>EDUCATION</b>					
< HS	301	0.2173	0.1532 - 0.2814	0.2301	0.1585 - 0.3016
HS	1187	0.1136	0.0862 - 0.141	0.1222	0.094 - 0.1504
> HS	1972	0.1621	0.1345 - 0.1897	0.1632	0.1352 - 0.1912
<b>INCOME</b>					
<\$15,000	365	0.225	0.1482 - 0.3018	0.2435	0.1674 - 0.3195
\$15-24,999	515	0.1901	0.1466 - 0.2336	0.2015	0.1568 - 0.2462
\$25-34,999	459	0.2003	0.1297 - 0.2709	0.1906	0.1265 - 0.2547
\$35-49,999	618	0.1419	0.0968 - 0.187	0.1387	0.0931 - 0.1844
\$50-74,999	600	0.1123	0.0735 - 0.1511	0.1029	0.0676 - 0.1382
\$75,000+	588	0.1277	0.0854 - 0.17	0.1423	0.081 - 0.2037

<b>ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005</b> <b>HIV/AIDS: LAST TESTED FOR HIV AT ANOTHER PLACE</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	3461	0.0687	0.056 - 0.0814	0.0711	0.058 - 0.0843
REGION					
Central	449	0.07	0.0426 - 0.0974	0.0714	0.0433 - 0.0994
Kansas City	666	0.0745	0.0512 - 0.0978	0.0757	0.0516 - 0.0998
Northeast	381	0.0535	0.028 - 0.079	0.0586	0.0304 - 0.0868
Northwest	470	0.0453	0.0216 - 0.069	0.0491	0.0241 - 0.0742
Southeast	382	0.0735	0.0359 - 0.1111	0.0738	0.0373 - 0.1102
Southwest	433	0.0643	0.0345 - 0.0941	0.0676	0.0361 - 0.0992
St. Louis	649	0.0719	0.0443 - 0.0995	0.0743	0.0463 - 0.1023
GENDER					
Female	2072	0.0498	0.0359 - 0.0637	0.0508	0.0367 - 0.0649
Male	1389	0.088	0.0666 - 0.1094	0.0913	0.0696 - 0.1131
RACE					
Black	272	0.1144	0.0629 - 0.1659	0.1104	0.0605 - 0.1604
Other	231	0.0842	0.0401 - 0.1283	0.0849	0.0418 - 0.128
White	2945	0.0625	0.0488 - 0.0762	0.0648	0.0507 - 0.079
EDUCATION					
< HS	301	0.0462	0.0184 - 0.074	0.053	0.0172 - 0.0889
HS	1187	0.0595	0.0397 - 0.0793	0.0658	0.0441 - 0.0876
> HS	1972	0.076	0.0582 - 0.0938	0.0757	0.0583 - 0.0931
INCOME					
<\$15,000	365	0.072	0.0365 - 0.1075	0.0688	0.0359 - 0.1017
\$15-24,999	515	0.054	0.027 - 0.081	0.0596	0.0302 - 0.089
\$25-34,999	459	0.0711	0.0386 - 0.1036	0.0825	0.0454 - 0.1195
\$35-49,999	618	0.0808	0.0428 - 0.1188	0.0784	0.0439 - 0.1129
\$50-74,999	600	0.0687	0.0417 - 0.0957	0.067	0.036 - 0.098
\$75,000+	588	0.0772	0.0458 - 0.1086	0.075	0.0433 - 0.1068



## SECTION 21. KNOWLEDGE OF SYMPTOMS FOR HEART ATTACK AND STROKE AMONG MISSOURI ADULTS, 2005

### ***Description of BRFSS questions regarding Knowledge of Symptoms for Heart Attack and Stroke:***

All respondents were asked if the following symptoms were signs of a Heart Attack: pain or discomfort in the jaw, neck, or back, feeling weak, lightheaded, or faint, chest pain or discomfort, sudden trouble seeing in one or both eyes, pain or discomfort in the arms or shoulder, and shortness of breath. All respondents were also asked if the following symptoms were signs of a Stroke: sudden confusion or trouble seeing, sudden numbness or weakness of the face, arm, or leg, especially on one side, sudden trouble seeing in one or both eyes, chest pain or discomfort, sudden trouble waking, dizziness, or loss of balance, and severe headache with no known cause. In addition, respondents were asked what the first thing they would do if they thought someone was having a heart attack or stroke. This analysis included percentages of respondents who correctly answered all knowledge questions for heart attack and stroke and the percentage of respondents who would first call 911 if they thought someone was having a heart attack or a stroke versus doing anything else first.

### ***Summary of Knowledge of Symptoms for Heart Attack and Stroke:***

In 2005, 1% of Missouri adults correctly responded to all knowledge questions of a heart attack and 2% for answering correctly to all the symptoms of a stroke. Eighty six percent of Missourians would first call 911 if they thought someone was having a heart attack or stroke. See the tables below for more detailed information on Heart Attack and Stroke reporting in Missouri by region, gender, race, education and income.

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005**  
**KNOWLEDGE OF SYMPTOMS FOR HEART ATTACK: BELIEVE PAIN OR**  
**DISCOMFORT IN THE JAW, NECK, OR BACK ARE SYMPTOMS OF A HEART**  
**ATTACK**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	<b>4927</b>	<b>0.5267</b>	<b>0.5044 - 0.549</b>	<b>0.522</b>	<b>0.5018 - 0.5429</b>
<b>REGION</b>					
Central	625	0.5136	0.4664 - 0.5608	0.514	0.4672 - 0.5597
Kansas City	945	0.5001	0.4619 - 0.5383	0.494	0.4565 - 0.5318
Northeast	584	0.5323	0.4774 - 0.5872	0.532	0.4827 - 0.5803
Northwest	641	0.4998	0.4488 - 0.5508	0.501	0.4528 - 0.5484
Southeast	582	0.5427	0.4949 - 0.5905	0.53	0.4807 - 0.5783
Southwest	641	0.6272	0.578 - 0.6764	0.619	0.5726 - 0.6655
St. Louis	909	0.5008	0.4506 - 0.551	0.496	0.4518 - 0.54
<b>GENDER</b>					
Female	3018	0.5985	0.5707 - 0.6263	0.591	0.5649 - 0.6166
Male	1909	0.449	0.4149 - 0.4831	0.449	0.4177 - 0.4812
<b>RACE</b>					
Black	353	0.4156	0.3347 - 0.4965	0.399	0.3257 - 0.4719
Other	317	0.3532	0.275 - 0.4314	0.379	0.3051 - 0.4525
White	4225	0.5528	0.5287 - 0.5769	0.543	0.5208 - 0.5647
<b>EDUCATION</b>					
< HS	623	0.4313	0.3727 - 0.4899	0.423	0.3507 - 0.4945
HS	1826	0.5008	0.4626 - 0.539	0.483	0.4481 - 0.5183
> HS	2474	0.5613	0.5305 - 0.5921	0.566	0.5385 - 0.5942
<b>INCOME</b>					
<\$15,000	670	0.4112	0.3532 - 0.4692	0.421	0.3556 - 0.4869
\$15-24,999	852	0.5116	0.4597 - 0.5635	0.502	0.4513 - 0.5532
\$25-34,999	670	0.4941	0.4361 - 0.5521	0.487	0.4307 - 0.5436
\$35-49,999	790	0.5265	0.4744 - 0.5786	0.535	0.4855 - 0.5835
\$50-74,999	672	0.5844	0.5315 - 0.6373	0.594	0.5412 - 0.6475
\$75,000+	665	0.6036	0.5477 - 0.6595	0.576	0.5194 - 0.6319

ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005 KNOWLEDGE OF SYMPTOMS FOR HEART ATTACK: BELIEVE FEELING WEAK, LIGHT-HEADED OR FAINT ARE SYMPTOMS OF A HEART ATTACK Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4927	0.6535	0.6329 - 0.6741	0.658	0.6373 - 0.6785
REGION					
Central	625	0.6408	0.5955 - 0.6861	0.647	0.6026 - 0.6908
Kansas City	945	0.654	0.6179 - 0.6901	0.653	0.6161 - 0.6894
Northeast	584	0.6446	0.5905 - 0.6987	0.652	0.5975 - 0.7065
Northwest	641	0.6232	0.5722 - 0.6742	0.626	0.5768 - 0.6748
Southeast	582	0.6614	0.6163 - 0.7065	0.674	0.6274 - 0.7199
Southwest	641	0.6685	0.6248 - 0.7122	0.676	0.6309 - 0.7211
St. Louis	909	0.6536	0.6068 - 0.7004	0.658	0.6107 - 0.7055
GENDER					
Female	3018	0.6652	0.6399 - 0.6905	0.675	0.6503 - 0.7001
Male	1909	0.6408	0.6077 - 0.6739	0.642	0.6094 - 0.6752
RACE					
Black	353	0.5906	0.511 - 0.6702	0.586	0.5134 - 0.6585
Other	317	0.6184	0.5282 - 0.7086	0.613	0.5314 - 0.6944
White	4225	0.6643	0.6425 - 0.6861	0.67	0.6472 - 0.6919
EDUCATION					
< HS	622	0.4974	0.4376 - 0.5572	0.496	0.4294 - 0.5627
HS	1826	0.6213	0.5858 - 0.6568	0.633	0.5981 - 0.6671
> HS	2475	0.704	0.6762 - 0.7318	0.696	0.6677 - 0.7234
INCOME					
<\$15,000	669	0.5469	0.4848 - 0.609	0.566	0.4976 - 0.6352
\$15-24,999	852	0.6036	0.5552 - 0.652	0.614	0.5645 - 0.6633
\$25-34,999	670	0.623	0.564 - 0.682	0.623	0.5642 - 0.6814
\$35-49,999	791	0.6363	0.5846 - 0.688	0.631	0.5792 - 0.6823
\$50-74,999	672	0.7087	0.6628 - 0.7546	0.688	0.6356 - 0.7395
\$75,000+	665	0.7639	0.721 - 0.8068	0.766	0.7215 - 0.8104

ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005 KNOWLEDGE OF SYMPTOMS FOR HEART ATTACK: BELIEVE CHEST PAIN OR DISCOMFORT ARE SYMPTOMS OF A HEART ATTACK Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4926	0.9518	0.9426 - 0.961	0.953	0.9437 - 0.9621
REGION					
Central	625	0.9563	0.9361 - 0.9765	0.96	0.9419 - 0.9775
Kansas City	945	0.9478	0.9311 - 0.9645	0.948	0.9308 - 0.9649
Northeast	584	0.963	0.9483 - 0.9777	0.968	0.9547 - 0.9806
Northwest	641	0.9566	0.9392 - 0.974	0.959	0.9435 - 0.9749
Southeast	582	0.9416	0.9173 - 0.9659	0.945	0.9199 - 0.9693
Southwest	640	0.9555	0.9347 - 0.9763	0.957	0.9362 - 0.9781
St. Louis	909	0.9516	0.9308 - 0.9724	0.952	0.9326 - 0.9722
GENDER					
Female	3018	0.96	0.9508 - 0.9692	0.963	0.9545 - 0.9722
Male	1908	0.9429	0.9262 - 0.9596	0.943	0.9266 - 0.9587
RACE					
Black	353	0.908	0.8663 - 0.9497	0.894	0.8498 - 0.938
Other	317	0.8915	0.8155 - 0.9675	0.889	0.8141 - 0.963
White	4224	0.962	0.9547 - 0.9693	0.964	0.9566 - 0.9708
EDUCATION					
< HS	622	0.8912	0.8585 - 0.9239	0.913	0.8824 - 0.9443
HS	1826	0.9391	0.9222 - 0.956	0.941	0.9226 - 0.959
> HS	2474	0.972	0.9604 - 0.9836	0.971	0.9597 - 0.9817
INCOME					
<\$15,000	669	0.9015	0.8621 - 0.9409	0.909	0.8563 - 0.9618
\$15-24,999	852	0.9323	0.9082 - 0.9564	0.937	0.9122 - 0.962
\$25-34,999	670	0.9421	0.8998 - 0.9844	0.941	0.9004 - 0.9819
\$35-49,999	790	0.9651	0.9492 - 0.981	0.965	0.9488 - 0.9802
\$50-74,999	672	0.9743	0.9604 - 0.9882	0.969	0.9479 - 0.9891
\$75,000+	665	0.9796	0.9661 - 0.9931	0.967	0.9424 - 0.9906

ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005 KNOWLEDGE OF SYMPTOMS FOR HEART ATTACK: BELIEVE SUDDEN TROUBLE SEEING IN ONE OR BOTH EYES IS A SYMPTOM OF A HEART ATTACK Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4924	0.4485	0.4267 - 0.4703	0.449	0.4274 - 0.4705
REGION					
Central	625	0.4507	0.4039 - 0.4975	0.456	0.4096 - 0.5017
Kansas City	945	0.4226	0.3848 - 0.4604	0.422	0.3841 - 0.4605
Northeast	584	0.3863	0.3363 - 0.4363	0.386	0.3358 - 0.4357
Northwest	639	0.4787	0.4277 - 0.5297	0.478	0.4291 - 0.5271
Southeast	582	0.4218	0.3744 - 0.4692	0.423	0.3733 - 0.4729
Southwest	640	0.4771	0.4293 - 0.5249	0.48	0.4309 - 0.5293
St. Louis	909	0.4615	0.4117 - 0.5113	0.458	0.4086 - 0.5063
GENDER					
Female	3018	0.4392	0.4123 - 0.4661	0.436	0.4101 - 0.4622
Male	1906	0.4587	0.4236 - 0.4938	0.461	0.426 - 0.495
RACE					
Black	353	0.424	0.3421 - 0.5059	0.43	0.3524 - 0.5076
Other	317	0.438	0.3457 - 0.5303	0.454	0.3699 - 0.538
White	4222	0.452	0.4287 - 0.4753	0.45	0.4267 - 0.4741
EDUCATION					
< HS	622	0.4114	0.3526 - 0.4702	0.422	0.3468 - 0.4962
HS	1826	0.4491	0.4117 - 0.4865	0.447	0.4099 - 0.4836
> HS	2472	0.4553	0.4253 - 0.4853	0.451	0.4212 - 0.4807
INCOME					
<\$15,000	669	0.3893	0.3317 - 0.4469	0.368	0.3021 - 0.433
\$15-24,999	852	0.4429	0.391 - 0.4948	0.441	0.3893 - 0.4931
\$25-34,999	669	0.4572	0.3988 - 0.5156	0.462	0.4045 - 0.5202
\$35-49,999	789	0.4678	0.4166 - 0.519	0.467	0.4177 - 0.5157
\$50-74,999	672	0.4501	0.3974 - 0.5028	0.438	0.381 - 0.4947
\$75,000+	665	0.4507	0.3964 - 0.505	0.435	0.3791 - 0.4916

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005**  
**KNOWLEDGE OF SYMPTOMS FOR HEART ATTACK: BELIEVE PAIN OR**  
**DISCOMFORT IN THE ARMS OR SHOULDERS ARE SYMPTOMS OF A HEART**  
**ATTACK**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4922	0.8843	0.8688 - 0.8998	0.885	0.8695 - 0.9005
<b>REGION</b>					
Central	624	0.8939	0.862 - 0.9258	0.902	0.8745 - 0.9294
Kansas City	945	0.8774	0.8509 - 0.9039	0.877	0.8497 - 0.9034
Northeast	584	0.9137	0.8829 - 0.9445	0.921	0.8917 - 0.9498
Northwest	640	0.8907	0.8591 - 0.9223	0.895	0.8645 - 0.9245
Southeast	582	0.8833	0.851 - 0.9156	0.883	0.8492 - 0.9174
Southwest	640	0.9064	0.8745 - 0.9383	0.909	0.8779 - 0.9399
St. Louis	907	0.8709	0.8348 - 0.907	0.869	0.8318 - 0.9059
<b>GENDER</b>					
Female	3016	0.9023	0.8845 - 0.9201	0.905	0.8873 - 0.9226
Male	1906	0.8647	0.8388 - 0.8906	0.864	0.8384 - 0.8897
<b>RACE</b>					
Black	351	0.768	0.6918 - 0.8442	0.76	0.6924 - 0.8276
Other	317	0.8253	0.7471 - 0.9035	0.834	0.7564 - 0.9112
White	4223	0.9002	0.8849 - 0.9155	0.901	0.8849 - 0.9162
<b>EDUCATION</b>					
< HS	621	0.7333	0.6784 - 0.7882	0.747	0.6715 - 0.8228
HS	1826	0.8876	0.8658 - 0.9094	0.887	0.8631 - 0.911
> HS	2471	0.9127	0.8907 - 0.9347	0.908	0.8866 - 0.9298
<b>INCOME</b>					
<\$15,000	669	0.8306	0.7873 - 0.8739	0.845	0.7926 - 0.8969
\$15-24,999	851	0.8306	0.7922 - 0.869	0.838	0.7985 - 0.878
\$25-34,999	669	0.8511	0.7931 - 0.9091	0.856	0.8036 - 0.909
\$35-49,999	789	0.9166	0.886 - 0.9472	0.914	0.8825 - 0.9448
\$50-74,999	672	0.9439	0.9149 - 0.9729	0.946	0.9165 - 0.975
\$75,000+	665	0.9328	0.9016 - 0.964	0.909	0.8568 - 0.9606

ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005 KNOWLEDGE OF SYMPTOMS FOR HEART ATTACK: BELIEVE SHORTNESS OF BREATH IS A SYMPTOM OF A HEART ATTACK Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4920	0.8345	0.8149 - 0.8541	0.836	0.8168 - 0.8544
REGION					
Central	624	0.8539	0.8218 - 0.886	0.855	0.8226 - 0.8869
Kansas City	944	0.8088	0.7769 - 0.8407	0.807	0.7746 - 0.8401
Northeast	584	0.8741	0.842 - 0.9062	0.878	0.8445 - 0.9107
Northwest	639	0.8459	0.8126 - 0.8792	0.847	0.8147 - 0.8798
Southeast	582	0.8309	0.7944 - 0.8674	0.833	0.7946 - 0.8703
Southwest	639	0.8598	0.8257 - 0.8939	0.863	0.8289 - 0.8971
St. Louis	908	0.8256	0.778 - 0.8732	0.823	0.7798 - 0.8665
GENDER					
Female	3016	0.8571	0.8387 - 0.8755	0.86	0.841 - 0.8783
Male	1904	0.8101	0.775 - 0.8452	0.812	0.781 - 0.8429
RACE					
Black	352	0.7822	0.7099 - 0.8545	0.779	0.7139 - 0.8437
Other	317	0.8024	0.7226 - 0.8822	0.81	0.7327 - 0.8875
White	4220	0.8417	0.8205 - 0.8629	0.843	0.8215 - 0.8634
EDUCATION					
< HS	621	0.682	0.6226 - 0.7414	0.679	0.6062 - 0.7508
HS	1823	0.815	0.7746 - 0.8554	0.814	0.7776 - 0.8509
> HS	2472	0.8769	0.8549 - 0.8989	0.873	0.8507 - 0.895
INCOME					
<\$15,000	668	0.7884	0.7423 - 0.8345	0.796	0.7413 - 0.8511
\$15-24,999	850	0.8057	0.7675 - 0.8439	0.807	0.7672 - 0.8471
\$25-34,999	669	0.7888	0.7302 - 0.8474	0.793	0.7383 - 0.8485
\$35-49,999	789	0.8456	0.8005 - 0.8907	0.842	0.7958 - 0.8875
\$50-74,999	672	0.8845	0.8537 - 0.9153	0.883	0.8458 - 0.9195
\$75,000+	665	0.9144	0.886 - 0.9428	0.914	0.8826 - 0.9461

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005**  
**KNOWLEDGE OF SYMPTOMS FOR HEART ATTACK: KNEW ALL SYMPTOMS OF**  
**A HEART ATTACK**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4885	0.1475	0.1328 - 0.1622	0.148	0.1336 - 0.163
<b>REGION</b>					
Central	624	0.1293	0.0997 - 0.1589	0.134	0.1036 - 0.1652
Kansas City	931	0.1325	0.1076 - 0.1574	0.131	0.1061 - 0.1563
Northeast	581	0.1133	0.0853 - 0.1413	0.115	0.086 - 0.1448
Northwest	637	0.1608	0.1247 - 0.1969	0.158	0.1238 - 0.1928
Southeast	574	0.1398	0.1063 - 0.1733	0.146	0.1099 - 0.1817
Southwest	638	0.1795	0.1448 - 0.2142	0.183	0.1475 - 0.2189
St. Louis	900	0.1529	0.1196 - 0.1862	0.151	0.1184 - 0.1831
<b>GENDER</b>					
Female	2994	0.1721	0.1521 - 0.1921	0.172	0.1526 - 0.1915
Male	1891	0.1206	0.099 - 0.1422	0.122	0.1007 - 0.1442
<b>RACE</b>					
Black	343	0.0881	0.0315 - 0.1447	0.08	0.0333 - 0.127
Other	313	0.1106	0.0653 - 0.1559	0.116	0.0725 - 0.1587
White	4198	0.1557	0.1396 - 0.1718	0.155	0.1392 - 0.1709
<b>EDUCATION</b>					
< HS	602	0.0792	0.0445 - 0.1139	0.093	0.0485 - 0.1374
HS	1813	0.1156	0.0935 - 0.1377	0.114	0.0913 - 0.1364
> HS	2466	0.1795	0.1577 - 0.2013	0.175	0.1543 - 0.1955
<b>INCOME</b>					
<\$15,000	659	0.0549	0.0359 - 0.0739	0.053	0.0297 - 0.0767
\$15-24,999	842	0.1021	0.076 - 0.1282	0.104	0.0756 - 0.1329
\$25-34,999	668	0.1313	0.0909 - 0.1717	0.128	0.0902 - 0.1666
\$35-49,999	786	0.1642	0.1287 - 0.1997	0.163	0.1287 - 0.1973
\$50-74,999	668	0.1606	0.123 - 0.1982	0.157	0.1186 - 0.1954
\$75,000+	664	0.212	0.1677 - 0.2563	0.19	0.1505 - 0.2297



ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005 KNOWLEDGE OF SYMPTOMS FOR STROKE: BELIEVE SUDDEN CONFUSION OR TROUBLE SPEAKING ARE SYMPTOMS OF A STROKE Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4915	0.8682	0.8513 - 0.8851	0.87	0.8534 - 0.8863
REGION					
Central	622	0.8732	0.8375 - 0.9089	0.884	0.8533 - 0.9144
Kansas City	943	0.8872	0.8617 - 0.9127	0.885	0.8592 - 0.9106
Northeast	584	0.8629	0.8233 - 0.9025	0.868	0.8283 - 0.9074
Northwest	638	0.888	0.8543 - 0.9217	0.893	0.862 - 0.9248
Southeast	582	0.8528	0.8158 - 0.8898	0.853	0.8146 - 0.8907
Southwest	639	0.8978	0.8664 - 0.9292	0.898	0.8655 - 0.9298
St. Louis	907	0.8466	0.807 - 0.8862	0.846	0.8062 - 0.8862
GENDER					
Female	3011	0.9016	0.8845 - 0.9187	0.904	0.8872 - 0.9217
Male	1904	0.8319	0.8025 - 0.8613	0.833	0.8056 - 0.8609
RACE					
Black	351	0.8005	0.7419 - 0.8591	0.788	0.7321 - 0.8446
Other	316	0.7445	0.653 - 0.836	0.755	0.6645 - 0.8456
White	4218	0.8861	0.869 - 0.9032	0.886	0.8692 - 0.9033
EDUCATION					
< HS	621	0.7024	0.6438 - 0.761	0.75	0.6951 - 0.8041
HS	1821	0.863	0.8379 - 0.8881	0.861	0.8333 - 0.8878
> HS	2469	0.9049	0.8818 - 0.928	0.902	0.8792 - 0.9239
INCOME					
<\$15,000	668	0.7793	0.723 - 0.8356	0.8	0.7446 - 0.8548
\$15-24,999	848	0.8202	0.7722 - 0.8682	0.83	0.7862 - 0.874
\$25-34,999	669	0.8416	0.7887 - 0.8945	0.847	0.7946 - 0.8985
\$35-49,999	788	0.8657	0.8196 - 0.9118	0.863	0.8199 - 0.9057
\$50-74,999	671	0.9327	0.9076 - 0.9578	0.929	0.8974 - 0.9601
\$75,000+	665	0.9569	0.9342 - 0.9796	0.94	0.9059 - 0.9737

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005**  
**KNOWLEDGE OF SYMPTOMS FOR STROKE: BELIEVE SUDDEN NUMBNESS OR**  
**WEAKNESS OF FACE, ARM, OR LEG, ESPECIALLY ON ONE SIDE ARE**  
**SYMPTOMS OF A STROKE**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4914	0.936	0.9186 - 0.9534	0.938	0.9214 - 0.9539
<b>REGION</b>					
Central	622	0.962	0.942 - 0.982	0.965	0.9469 - 0.9825
Kansas City	943	0.952	0.9371 - 0.9669	0.953	0.9374 - 0.9676
Northeast	583	0.944	0.9185 - 0.9695	0.946	0.9189 - 0.9726
Northwest	638	0.9309	0.8886 - 0.9732	0.936	0.9021 - 0.9699
Southeast	582	0.9439	0.9202 - 0.9676	0.946	0.9218 - 0.9692
Southwest	639	0.9507	0.9293 - 0.9721	0.95	0.9276 - 0.973
St. Louis	907	0.9102	0.8649 - 0.9555	0.91	0.8689 - 0.9512
<b>GENDER</b>					
Female	3011	0.9543	0.9402 - 0.9684	0.958	0.9441 - 0.9715
Male	1903	0.9162	0.8837 - 0.9487	0.917	0.889 - 0.9451
<b>RACE</b>					
Black	350	0.8898	0.8222 - 0.9574	0.886	0.8289 - 0.9426
Other	316	0.8536	0.765 - 0.9422	0.849	0.7662 - 0.9317
White	4218	0.9479	0.9301 - 0.9657	0.949	0.9315 - 0.9656
<b>EDUCATION</b>					
< HS	621	0.8765	0.8387 - 0.9143	0.903	0.8663 - 0.9396
HS	1820	0.9227	0.8837 - 0.9617	0.923	0.8876 - 0.9577
> HS	2469	0.9562	0.937 - 0.9754	0.954	0.9354 - 0.973
<b>INCOME</b>					
<\$15,000	668	0.8701	0.8133 - 0.9269	0.878	0.8135 - 0.9433
\$15-24,999	847	0.9305	0.9048 - 0.9562	0.937	0.9113 - 0.9622
\$25-34,999	669	0.9272	0.8749 - 0.9795	0.932	0.8857 - 0.9782
\$35-49,999	788	0.9617	0.9437 - 0.9797	0.962	0.9442 - 0.9791
\$50-74,999	671	0.9832	0.972 - 0.9944	0.983	0.9706 - 0.9949
\$75,000+	665	0.9847	0.9737 - 0.9957	0.978	0.9558 - 0.9993

ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005 KNOWLEDGE OF SYMPTOMS FOR STROKE: BELIEVE SUDDEN TROUBLE SEEING IN ONE OR BOTH EYES IS A SYMPTOM OF A STROKE Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4913	0.6598	0.6386 - 0.681	0.663	0.6411 - 0.6838
REGION					
Central	622	0.6716	0.6259 - 0.7173	0.683	0.6397 - 0.7263
Kansas City	943	0.6619	0.6251 - 0.6987	0.659	0.6216 - 0.6973
Northeast	583	0.6405	0.5905 - 0.6905	0.644	0.5939 - 0.6946
Northwest	637	0.6783	0.6277 - 0.7289	0.681	0.6337 - 0.7286
Southeast	582	0.6273	0.5805 - 0.6741	0.622	0.5744 - 0.6689
Southwest	639	0.7001	0.6568 - 0.7434	0.702	0.6567 - 0.7468
St. Louis	907	0.6471	0.5991 - 0.6951	0.649	0.5994 - 0.6982
GENDER					
Female	3010	0.6731	0.647 - 0.6992	0.68	0.6542 - 0.7064
Male	1903	0.6454	0.6117 - 0.6791	0.645	0.6112 - 0.6786
RACE					
Black	350	0.4808	0.3987 - 0.5629	0.48	0.4022 - 0.5571
Other	316	0.5752	0.4815 - 0.6689	0.57	0.4801 - 0.6596
White	4217	0.6842	0.6622 - 0.7062	0.687	0.664 - 0.7091
EDUCATION					
< HS	621	0.4773	0.4171 - 0.5375	0.48	0.4035 - 0.5556
HS	1819	0.6061	0.57 - 0.6422	0.612	0.5754 - 0.6491
> HS	2469	0.7286	0.6992 - 0.758	0.722	0.6931 - 0.7503
INCOME					
<\$15,000	668	0.5176	0.4551 - 0.5801	0.544	0.4713 - 0.6168
\$15-24,999	846	0.5707	0.5186 - 0.6228	0.581	0.5269 - 0.6347
\$25-34,999	669	0.6166	0.5576 - 0.6756	0.621	0.562 - 0.6803
\$35-49,999	788	0.6929	0.6435 - 0.7423	0.694	0.6451 - 0.7431
\$50-74,999	671	0.7379	0.6901 - 0.7857	0.719	0.6647 - 0.7733
\$75,000+	665	0.784	0.7395 - 0.8285	0.771	0.7125 - 0.8301

ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005 KNOWLEDGE OF SYMPTOMS FOR STROKE: BELIEVE SUDDEN CHEST PAIN OR DISCOMFORT ARE SYMPTOMS OF A STROKE Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4911	0.3886	0.3674 - 0.4098	0.39	0.3685 - 0.4109
REGION					
Central	622	0.3958	0.3501 - 0.4415	0.411	0.366 - 0.455
Kansas City	943	0.3795	0.3432 - 0.4158	0.377	0.3409 - 0.4135
Northeast	583	0.3538	0.3038 - 0.4038	0.362	0.3102 - 0.4129
Northwest	636	0.4143	0.3653 - 0.4633	0.42	0.3727 - 0.4668
Southeast	582	0.372	0.3255 - 0.4185	0.37	0.3219 - 0.4176
Southwest	638	0.4189	0.3713 - 0.4665	0.421	0.3711 - 0.4703
St. Louis	907	0.3844	0.3364 - 0.4324	0.383	0.3349 - 0.4305
GENDER					
Female	3009	0.3753	0.3496 - 0.401	0.376	0.3507 - 0.4021
Male	1902	0.4031	0.3688 - 0.4374	0.403	0.3695 - 0.4373
RACE					
Black	350	0.2784	0.2071 - 0.3497	0.279	0.211 - 0.347
Other	316	0.2966	0.2149 - 0.3783	0.307	0.2299 - 0.3847
White	4215	0.4074	0.3845 - 0.4303	0.41	0.3862 - 0.4333
EDUCATION					
< HS	621	0.2713	0.215 - 0.3276	0.253	0.1896 - 0.3158
HS	1817	0.3391	0.3048 - 0.3734	0.341	0.3048 - 0.3765
> HS	2469	0.4417	0.4119 - 0.4715	0.435	0.406 - 0.4637
INCOME					
<\$15,000	667	0.2827	0.2274 - 0.338	0.267	0.212 - 0.3221
\$15-24,999	846	0.3353	0.2841 - 0.3865	0.342	0.2902 - 0.3945
\$25-34,999	669	0.373	0.3167 - 0.4293	0.375	0.3215 - 0.4289
\$35-49,999	788	0.434	0.3821 - 0.4859	0.423	0.3732 - 0.4735
\$50-74,999	671	0.448	0.3957 - 0.5003	0.456	0.3979 - 0.5139
\$75,000+	665	0.4473	0.393 - 0.5016	0.456	0.3968 - 0.5152

ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005 KNOWLEDGE OF SYMPTOMS FOR STROKE: BELIEVE SUDDEN TROUBLE WALKING, DIZZINESS, OR LOSS OF BALANCE ARE SYMPTOMS OF A STROKE Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4909	0.8316	0.8149 - 0.8483	0.833	0.8157 - 0.8494
REGION					
Central	622	0.8194	0.7806 - 0.8582	0.829	0.7938 - 0.8648
Kansas City	942	0.8477	0.8201 - 0.8753	0.845	0.8166 - 0.8735
Northeast	583	0.8253	0.7863 - 0.8643	0.829	0.7893 - 0.8693
Northwest	636	0.8289	0.7928 - 0.865	0.831	0.7956 - 0.8658
Southeast	582	0.8255	0.7885 - 0.8625	0.823	0.7841 - 0.8617
Southwest	638	0.8352	0.798 - 0.8724	0.836	0.797 - 0.8742
St. Louis	906	0.8285	0.7907 - 0.8663	0.829	0.7907 - 0.8675
GENDER					
Female	3008	0.8383	0.8183 - 0.8583	0.842	0.8213 - 0.8621
Male	1901	0.8244	0.797 - 0.8518	0.824	0.7967 - 0.8508
RACE					
Black	348	0.7435	0.6735 - 0.8135	0.727	0.6601 - 0.7946
Other	316	0.7556	0.6643 - 0.8469	0.752	0.669 - 0.8356
White	4215	0.8471	0.8304 - 0.8638	0.848	0.831 - 0.8651
EDUCATION					
< HS	621	0.6512	0.5908 - 0.7116	0.69	0.6157 - 0.7643
HS	1815	0.7964	0.7682 - 0.8246	0.791	0.7611 - 0.8214
> HS	2469	0.8887	0.8675 - 0.9099	0.885	0.8633 - 0.9057
INCOME					
<\$15,000	666	0.695	0.6317 - 0.7583	0.702	0.6256 - 0.7777
\$15-24,999	845	0.7626	0.7203 - 0.8049	0.776	0.7325 - 0.8187
\$25-34,999	669	0.7975	0.743 - 0.852	0.792	0.7364 - 0.847
\$35-49,999	788	0.863	0.8254 - 0.9006	0.857	0.8181 - 0.8961
\$50-74,999	671	0.8878	0.856 - 0.9196	0.89	0.8555 - 0.9249
\$75,000+	665	0.927	0.9003 - 0.9537	0.925	0.8949 - 0.9557

ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005 KNOWLEDGE OF SYMPTOMS FOR STROKE: BELIEVE SEVERE HEADACHE WITH NO KNOWN CAUSE IS A SYMPTOM OF A STROKE Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4909	0.5368	0.5148 - 0.5588	0.536	0.5132 - 0.5583
REGION					
Central	622	0.4784	0.4314 - 0.5254	0.488	0.4422 - 0.5332
Kansas City	942	0.5313	0.4931 - 0.5695	0.53	0.4919 - 0.5688
Northeast	583	0.5024	0.4485 - 0.5563	0.504	0.4478 - 0.5603
Northwest	636	0.5052	0.4538 - 0.5566	0.506	0.4567 - 0.5547
Southeast	581	0.5547	0.5067 - 0.6027	0.551	0.5036 - 0.5992
Southwest	638	0.5511	0.5031 - 0.5991	0.548	0.4979 - 0.5974
St. Louis	907	0.5564	0.5066 - 0.6062	0.555	0.5035 - 0.6066
GENDER					
Female	3007	0.567	0.54 - 0.594	0.565	0.5365 - 0.5926
Male	1902	0.5041	0.4688 - 0.5394	0.503	0.4678 - 0.5384
RACE					
Black	349	0.4534	0.3725 - 0.5343	0.449	0.3748 - 0.5229
Other	316	0.5154	0.4213 - 0.6095	0.509	0.4216 - 0.5964
White	4214	0.5483	0.525 - 0.5716	0.546	0.5211 - 0.5701
EDUCATION					
< HS	621	0.4039	0.3465 - 0.4613	0.378	0.3174 - 0.4381
HS	1816	0.4659	0.4271 - 0.5047	0.461	0.4199 - 0.5014
> HS	2468	0.6056	0.5756 - 0.6356	0.599	0.5694 - 0.629
INCOME					
<\$15,000	666	0.4353	0.3749 - 0.4957	0.434	0.3618 - 0.5061
\$15-24,999	846	0.5067	0.4548 - 0.5586	0.524	0.4714 - 0.5757
\$25-34,999	669	0.4576	0.4006 - 0.5146	0.451	0.3937 - 0.5082
\$35-49,999	787	0.5122	0.4605 - 0.5639	0.511	0.4594 - 0.5621
\$50-74,999	671	0.5618	0.5089 - 0.6147	0.552	0.494 - 0.6097
\$75,000+	665	0.6871	0.6393 - 0.7349	0.676	0.6184 - 0.7329

# **ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005** **KNOWLEDGE OF SYMPTOMS FOR STROKE: KNEW ALL SYMPTOMS OF A** **STROKE**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4826	0.1948	0.1785 - 0.2111	0.195	0.1791 - 0.2116
<b>REGION</b>					
Central	618	0.1932	0.1581 - 0.2283	0.202	0.1654 - 0.2376
Kansas City	923	0.1949	0.1653 - 0.2245	0.192	0.1621 - 0.2213
Northeast	570	0.1508	0.1134 - 0.1882	0.158	0.1183 - 0.197
Northwest	629	0.1894	0.1518 - 0.227	0.192	0.1542 - 0.2291
Southeast	571	0.1918	0.1528 - 0.2308	0.191	0.1513 - 0.2309
Southwest	626	0.222	0.1812 - 0.2628	0.223	0.18 - 0.2651
St. Louis	889	0.1909	0.1552 - 0.2266	0.189	0.1545 - 0.2227
<b>GENDER</b>					
Female	2965	0.1944	0.1744 - 0.2144	0.195	0.1749 - 0.2145
Male	1861	0.1951	0.1688 - 0.2214	0.195	0.169 - 0.2211
<b>RACE</b>					
Black	339	0.1013	0.0594 - 0.1432	0.098	0.0576 - 0.1379
Other	304	0.1445	0.0928 - 0.1962	0.146	0.0967 - 0.1955
White	4154	0.208	0.1898 - 0.2262	0.208	0.1897 - 0.2265
<b>EDUCATION</b>					
< HS	591	0.0734	0.0454 - 0.1014	0.066	0.0367 - 0.0943
HS	1793	0.138	0.1153 - 0.1607	0.141	0.1168 - 0.1658
> HS	2438	0.2524	0.2275 - 0.2773	0.244	0.2204 - 0.2671
<b>INCOME</b>					
<\$15,000	645	0.094	0.0666 - 0.1214	0.094	0.0634 - 0.1246
\$15-24,999	829	0.1397	0.1054 - 0.174	0.155	0.1158 - 0.1942
\$25-34,999	659	0.1446	0.1093 - 0.1799	0.143	0.1077 - 0.1779
\$35-49,999	779	0.2108	0.1712 - 0.2504	0.205	0.1676 - 0.2416
\$50-74,999	668	0.2202	0.1779 - 0.2625	0.221	0.1727 - 0.2696
\$75,000+	664	0.2954	0.2462 - 0.3446	0.276	0.2305 - 0.3222

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005**  
**KNOWLEDGE OF SYMPTOMS FOR HEART ATTACK AND STROKE: WOULD**  
**CALL 911 FIRST IF THOUGHT SOMEONE WAS HAVING A HEART ATTACK OR**  
**STROKE**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4904	0.8586	0.8445 - 0.8727	0.86	0.8457 - 0.8743
<b>REGION</b>					
Central	622	0.8382	0.8033 - 0.8731	0.836	0.8013 - 0.8706
Kansas City	942	0.8655	0.8396 - 0.8914	0.865	0.8384 - 0.8913
Northeast	582	0.8105	0.7601 - 0.8609	0.813	0.7633 - 0.8621
Northwest	635	0.8417	0.8064 - 0.877	0.848	0.8147 - 0.8806
Southeast	578	0.8049	0.7665 - 0.8433	0.809	0.7697 - 0.8489
Southwest	638	0.8339	0.7982 - 0.8696	0.838	0.8028 - 0.8734
St. Louis	907	0.8951	0.8665 - 0.9237	0.897	0.868 - 0.9257
<b>GENDER</b>					
Female	3004	0.8757	0.8585 - 0.8929	0.878	0.8611 - 0.8956
Male	1900	0.84	0.8171 - 0.8629	0.84	0.8174 - 0.8633
<b>RACE</b>					
Black	349	0.8325	0.7655 - 0.8995	0.831	0.7658 - 0.8952
Other	316	0.8621	0.7957 - 0.9285	0.866	0.8032 - 0.9287
White	4209	0.8624	0.8481 - 0.8767	0.864	0.8493 - 0.8787
<b>EDUCATION</b>					
< HS	621	0.8202	0.7745 - 0.8659	0.851	0.8081 - 0.8943
HS	1812	0.852	0.8277 - 0.8763	0.852	0.8253 - 0.8778
> HS	2467	0.8708	0.8522 - 0.8894	0.87	0.8513 - 0.8881
<b>INCOME</b>					
<\$15,000	665	0.8185	0.7648 - 0.8722	0.822	0.7656 - 0.8789
\$15-24,999	846	0.8554	0.8191 - 0.8917	0.862	0.8247 - 0.8988
\$25-34,999	668	0.8412	0.8045 - 0.8779	0.84	0.8025 - 0.8773
\$35-49,999	786	0.8544	0.8168 - 0.892	0.853	0.8152 - 0.8901
\$50-74,999	670	0.8555	0.8173 - 0.8937	0.872	0.8371 - 0.9065
\$75,000+	665	0.9095	0.8854 - 0.9336	0.898	0.8665 - 0.9292



## SECTION 22. SEXUAL VIOLENCE AMONG MISSOURI ADULTS, 2005

### ***Description of BRFSS questions regarding Sexual Violence:***

All respondents were asked if in the past 12 months, anyone had exposed them to unwanted sexual situations that did not involve physical touching and situations that did involve physical touching. Physical touching was defined as things like flashing, peeping, sexual harassment, or making them look at sexual photos or movies. All respondents were also asked if in the past 12 months and if ever, anyone had attempted to have sex with them after they said or showed that they did not want to have sex but sex did not occur and times when sex did occur. Attempted sex was defined to include times when they were unable to consent, for example, they were drunk or asleep, or thought they would be hurt or punished if they refused. All respondents were also asked if in the past 12 months and if ever, anyone had sex with them after they said or showed that they did not want to have sex. Respondents who reported experiencing any type of sexual violence were also asked at the time of the most recent incident, what was their relationship to and gender of the person who (had sex or attempted to have sex) with them after they said or showed that they didn't want to or without their consent.

### ***Summary of Sexual Violence:***

In 2005, it was reported that 10% of Missouri adults reported they had ever been exposed to attempted unwanted sex and 7% were experienced unwanted sex. In addition, Missouri adults reported the following rates of sexual violence within the past 12 months: 2% experienced unwanted sexual situations that did not involve physical touching, 1% experienced situations that did involve physical touching, 0.8% experienced attempted sex, and 0.4% experienced unwanted sex. See the tables below for more detailed information on Sexual Violence reporting in Missouri by region, gender, race, education and income.

ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005 SEXUAL VIOLENCE: IN THE PAST 12 MONTHS EXPOSED TO UNWANTED SEXUAL SITUATIONS THAT DID NOT INVOLVE PHYSICAL TOUCHING Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4655	0.0201	0.0132 - 0.027	0.0199	0.013 - 0.0267
REGION					
Central	586	0.0085	0.0012 - 0.0158	0.0082	0.0011 - 0.0153
Kansas City	874	0.0131	0.0031 - 0.0231	0.0128	0.0032 - 0.0224
Northeast	548	0.019	0.0037 - 0.0343	0.02	0.0044 - 0.0357
Northwest	615	0.0093	0.0015 - 0.0171	0.0102	0.0014 - 0.019
Southeast	532	0.0119	0.0017 - 0.0221	0.0111	0.0015 - 0.0207
Southwest	596	0.0399	0.0134 - 0.0664	0.0398	0.0143 - 0.0652
St. Louis	860	0.0232	0.0091 - 0.0373	0.0227	0.008 - 0.0374
GENDER					
Female	2828	0.0251	0.0141 - 0.0361	0.0258	0.0147 - 0.037
Male	1827	0.0147	0.0071 - 0.0223	0.014	0.0064 - 0.0216
RACE					
Black	330	0.027	0 - 0.0568	0.0283	0 - 0.0598
Other	290	0.0397	0.0054 - 0.074	0.0274	0.0045 - 0.0503
White	4008	0.0178	0.0107 - 0.0249	0.0184	0.0111 - 0.0257
EDUCATION					
< HS	573	0.0266	0 - 0.0535	0.024	0.0019 - 0.0462
HS	1710	0.0183	0.0058 - 0.0308	0.0189	0.0055 - 0.0322
> HS	2369	0.0199	0.0119 - 0.0279	0.0187	0.011 - 0.0263
INCOME					
<\$15,000	616	0.0565	0.0146 - 0.0984	0.0536	0.0205 - 0.0867
\$15-24,999	801	0.018	0.0025 - 0.0335	0.0224	0.0024 - 0.0424
\$25-34,999	628	0.045	0.0154 - 0.0746	0.0455	0.0153 - 0.0756
\$35-49,999	764	0.0144	0.0042 - 0.0246	0.014	0.0036 - 0.0244
\$50-74,999	659	0.0137	0.0015 - 0.0259	0.0134	0.0006 - 0.0261
\$75,000+	644	0.0098	0 - 0.0204	0.0093	0.0002 - 0.0183

ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005 SEXUAL VIOLENCE: IN THE PAST 12 MONTHS EXPOSED TO UNWANTED SEXUAL SITUATIONS THAT DID INVOLVE PHYSICAL TOUCHING Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4651	0.0111	0.0052 - 0.017	0.011	0.0055 - 0.0164
REGION					
Central	586	0.0072	0 - 0.015	0.0077	0 - 0.0158
Kansas City	874	0.0039	0 - 0.008	0.004	0 - 0.0082
Northeast	547	0.0156	0.0011 - 0.0301	0.0166	0.0019 - 0.0313
Northwest	614	0.008	0 - 0.0172	0.0079	0 - 0.0165
Southeast	531	0.0068	0.0003 - 0.0133	0.0081	0 - 0.0161
Southwest	596	0.0207	0.0013 - 0.0401	0.0201	0.0019 - 0.0384
St. Louis	859	0.0132	0 - 0.0267	0.0126	0.0003 - 0.025
GENDER					
Female	2824	0.0175	0.0065 - 0.0285	0.0174	0.007 - 0.0278
Male	1827	0.0044	0.0015 - 0.0073	0.0044	0.0016 - 0.0071
RACE					
Black	331	0.0038	0 - 0.0085	0.0044	0 - 0.0099
Other	291	0.0649	0.0014 - 0.1284	0.0591	0 - 0.1185
White	4003	0.0069	0.0038 - 0.01	0.0071	0.0037 - 0.0104
EDUCATION					
< HS	574	0.015	0 - 0.0371	0.0117	0 - 0.0264
HS	1708	0.0075	0.0028 - 0.0122	0.0083	0.0032 - 0.0134
> HS	2366	0.0126	0.0036 - 0.0216	0.0119	0.0037 - 0.0201
INCOME					
<\$15,000	615	0.0426	0 - 0.0912	0.048	0 - 0.0968
\$15-24,999	799	0.007	0.0009 - 0.0131	0.0096	0.0009 - 0.0182
\$25-34,999	628	0.022	0.0012 - 0.0428	0.0209	0.0032 - 0.0385
\$35-49,999	762	0.0035	0.0004 - 0.0066	0.0032	0.0003 - 0.0062
\$50-74,999	659	0.009	0.0008 - 0.0172	0.0102	0 - 0.0214
\$75,000+	644	0.0005	0 - 0.0017	0.0004	0 - 0.0012

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005**  
**SEXUAL VIOLENCE: IN THE PAST 12 MONTHS EXPERIENCED ATTEMPTED**  
**UNWANTED SEX**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4602	0.0079	0.004 - 0.0118	0.008	0.0041 - 0.0119
<b>REGION</b>					
Central	583	0.0023	0 - 0.0048	0.0029	0 - 0.0063
Kansas City	864	0.0063	0 - 0.0147	0.0067	0 - 0.0159
Northeast	540	0.0055	0 - 0.0131	0.0068	0 - 0.0164
Northwest	607	0.0038	0 - 0.0089	0.0043	0 - 0.0106
Southeast	525	0.0035	0 - 0.0076	0.0038	0 - 0.0085
Southwest	589	0.024	0.0034 - 0.0446	0.0241	0.0049 - 0.0433
St. Louis	851	0.0061	0.0012 - 0.011	0.0062	0.0009 - 0.0115
<b>GENDER</b>					
Female	2781	0.013	0.0057 - 0.0203	0.0134	0.0061 - 0.0206
Male	1821	0.0026	0.0004 - 0.0048	0.0026	0.0004 - 0.0047
<b>RACE</b>					
Black	328	0.023	0 - 0.0469	0.0182	0.0006 - 0.0359
Other	291	0.0391	0.0028 - 0.0754	0.0337	0.0061 - 0.0614
White	3957	0.0038	0.0014 - 0.0062	0.004	0.0014 - 0.0065
<b>EDUCATION</b>					
< HS	565	0.0212	0 - 0.0467	0.0174	0 - 0.0368
HS	1680	0.0045	0.0008 - 0.0082	0.0052	0.0011 - 0.0093
> HS	2354	0.0074	0.0031 - 0.0117	0.0075	0.003 - 0.012
<b>INCOME</b>					
<\$15,000	602	0.0135	0.001 - 0.026	0.0215	0.0013 - 0.0417
\$15-24,999	789	0.0081	0 - 0.0175	0.0077	0 - 0.0157
\$25-34,999	624	0.0186	0 - 0.039	0.0167	0 - 0.0333
\$35-49,999	758	0.0122	0.0012 - 0.0232	0.0131	0.0009 - 0.0252
\$50-74,999	658	0.0025	0 - 0.006	0.002	0 - 0.0047
\$75,000+	643	0.0005	0 - 0.0015	0.0004	0 - 0.0011

<b>ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005</b> <b>SEXUAL VIOLENCE: IN THE PAST 12 MONTHS EXPERIENCED UNWANTED SEX</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4596	0.0039	0.0008 - 0.007	0.0038	0.0009 - 0.0067
REGION					
Central	581	0.0008	0 - 0.0024	0.001	0 - 0.0029
Kansas City	864	0.002	0 - 0.0059	0.0021	0 - 0.0062
Northeast	538	0.0121	0 - 0.027	0.0123	0 - 0.0272
Northwest	607	0.005	0 - 0.0128	0.0041	0 - 0.0104
Southeast	524	0.0008	0 - 0.0024	0.0007	0 - 0.0021
Southwest	589	0.0083	0 - 0.0246	0.0075	0 - 0.0219
St. Louis	850	0.0035	0 - 0.008	0.0035	0 - 0.0082
GENDER					
Female	2777	0.0068	0.0009 - 0.0127	0.0069	0.001 - 0.0128
Male	1819	0.0008	0 - 0.0016	0.0007	0 - 0.0015
RACE					
Black	327	0.0038	0 - 0.0083	0.0041	0 - 0.009
Other	291	0.0217	0 - 0.0535	0.0178	0 - 0.0412
White	3952	0.0023	0.0001 - 0.0045	0.0023	0.0001 - 0.0045
EDUCATION					
< HS	564	0.0175	0 - 0.0408	0.0196	0 - 0.0405
HS	1678	0.0003	0 - 0.0009	0.0003	0 - 0.0009
> HS	2351	0.0034	0.0003 - 0.0065	0.0034	0.0001 - 0.0067
INCOME					
<\$15,000	601	0.0066	0 - 0.0135	0.0072	0.0005 - 0.0139
\$15-24,999	789	0.0002	0 - 0.0006	0.0002	0 - 0.0006
\$25-34,999	625	0.0101	0 - 0.0281	0.0082	0 - 0.0225
\$35-49,999	756	0.005	0 - 0.0105	0.0049	0 - 0.0104
\$50-74,999	657	0	0 - 0	0	0 - 0
\$75,000+	642	0.0006	0 - 0.0018	0.0004	0 - 0.0012

<b>ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005</b> <b>SEXUAL VIOLENCE: EVER EXPERIENCED ATTEMPTED UNWANTED SEX</b> Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4590	0.1032	0.0895 - 0.1169	0.1029	0.0892 - 0.1166
REGION					
Central	580	0.0881	0.0616 - 0.1146	0.0894	0.0634 - 0.1155
Kansas City	865	0.1002	0.0759 - 0.1245	0.0989	0.074 - 0.1238
Northeast	536	0.0992	0.0674 - 0.131	0.1019	0.0692 - 0.1346
Northwest	606	0.1008	0.0728 - 0.1288	0.1031	0.0757 - 0.1306
Southeast	522	0.0959	0.0665 - 0.1253	0.1028	0.0709 - 0.1348
Southwest	588	0.1181	0.0836 - 0.1526	0.1196	0.0853 - 0.1539
St. Louis	849	0.1061	0.0751 - 0.1371	0.1044	0.0733 - 0.1356
GENDER					
Female	2771	0.1588	0.1361 - 0.1815	0.1605	0.1382 - 0.1829
Male	1819	0.0445	0.0314 - 0.0576	0.0439	0.0306 - 0.0572
RACE					
Black	326	0.1525	0.0827 - 0.2223	0.135	0.0853 - 0.1848
Other	291	0.1675	0.0948 - 0.2402	0.1525	0.0841 - 0.2209
White	3947	0.0928	0.0795 - 0.1061	0.094	0.0803 - 0.1077
EDUCATION					
< HS	564	0.0868	0.0501 - 0.1235	0.0987	0.0579 - 0.1395
HS	1675	0.0811	0.0631 - 0.0991	0.0852	0.0658 - 0.1046
> HS	2348	0.1186	0.0978 - 0.1394	0.1149	0.0947 - 0.135
INCOME					
<\$15,000	600	0.152	0.0961 - 0.2079	0.1619	0.106 - 0.2178
\$15-24,999	787	0.1059	0.0769 - 0.1349	0.1172	0.0858 - 0.1486
\$25-34,999	625	0.122	0.0744 - 0.1696	0.1179	0.0779 - 0.1579
\$35-49,999	756	0.112	0.0791 - 0.1449	0.1088	0.0769 - 0.1408
\$50-74,999	657	0.0747	0.051 - 0.0984	0.0743	0.0425 - 0.106
\$75,000+	640	0.1093	0.0726 - 0.146	0.1143	0.0629 - 0.1656

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005**  
**SEXUAL VIOLENCE: EVER EXPERIENCED UNWANTED SEX**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	<b>4582</b>	<b>0.0704</b>	<b>0.0598 - 0.081</b>	<b>0.0704</b>	<b>0.0598 - 0.081</b>
<b>REGION</b>					
Central	579	0.0672	0.0409 - 0.0935	0.0668	0.0425 - 0.0911
Kansas City	861	0.0625	0.0453 - 0.0797	0.0596	0.0431 - 0.076
Northeast	537	0.088	0.058 - 0.118	0.0886	0.0592 - 0.118
Northwest	604	0.065	0.0432 - 0.0868	0.0679	0.0458 - 0.0901
Southeast	520	0.0676	0.0439 - 0.0913	0.0683	0.0443 - 0.0922
Southwest	589	0.0812	0.0542 - 0.1082	0.0834	0.0561 - 0.1106
St. Louis	848	0.0707	0.0478 - 0.0936	0.0697	0.0474 - 0.0921
<b>GENDER</b>					
Female	2768	0.1222	0.1034 - 0.141	0.125	0.106 - 0.144
Male	1814	0.0157	0.0094 - 0.022	0.0149	0.0089 - 0.021
<b>RACE</b>					
Black	327	0.1053	0.0624 - 0.1482	0.0997	0.0601 - 0.1392
Other	290	0.1408	0.0691 - 0.2125	0.1371	0.066 - 0.2083
White	3940	0.0607	0.0511 - 0.0703	0.0616	0.0516 - 0.0716
<b>EDUCATION</b>					
< HS	563	0.079	0.0418 - 0.1162	0.1033	0.0572 - 0.1494
HS	1671	0.0558	0.0407 - 0.0709	0.0596	0.0432 - 0.0761
> HS	2345	0.0768	0.0621 - 0.0915	0.0722	0.0585 - 0.0859
<b>INCOME</b>					
<\$15,000	600	0.1546	0.0989 - 0.2103	0.1795	0.1231 - 0.236
\$15-24,999	786	0.0716	0.0512 - 0.092	0.0874	0.062 - 0.1129
\$25-34,999	621	0.088	0.0523 - 0.1237	0.09	0.0528 - 0.1273
\$35-49,999	754	0.0714	0.0449 - 0.0979	0.0688	0.0433 - 0.0943
\$50-74,999	657	0.0395	0.0236 - 0.0554	0.0347	0.0176 - 0.0517
\$75,000+	641	0.0574	0.0362 - 0.0786	0.0485	0.0308 - 0.0661

## SECTION 23. INTIMATE PARTNER VIOLENCE AMONG MISSOURI ADULTS, 2005

### ***Description of BRFSS questions regarding Intimate Partner Violence:***

All respondents were asked if they had ever and in the past 12 months been threatened with physical violence by an intimate partner. Intimate partner violence was defined to include threatening to hit, slap, push, kick, or physically hurt them in any way. All respondents were also asked if they had ever and in the past 12 months been hit, slapped, kicked, or physically hurt in any way by an intimate partner. All respondents were also asked if they had ever or in the past 12 months experienced unwanted sex by a current or former intimate partner. Respondents who reported experiencing any type of intimate partner violence were also asked if in the past 12 months they had any injuries, such as bruises, cuts, scrapes, black eyes, vaginal or anal tear, or broken bones, as a result of physical violence or unwanted sex and at the time of the most recent incident, what was their relationship to the person who (had sex or attempted to have sex) with them after they said or showed that they didn't want to or without their consent.

### ***Summary of Intimate Partner Violence:***

In 2005, it was reported that 15% of Missouri adults had ever been threatened with physical violence by an intimate partner, 16% were ever physically hurt by an intimate partner, 6% had ever experienced unwanted sex with an intimate partner, 2% experienced physical violence or unwanted sex by an intimate partner in the past 12 months, and 0.9% experienced injuries due to physical violence or unwanted sex by an intimate partner in the past 12 months. Overall, more women than men reported experiencing intimate partner violence. For example, 21% of women have ever been physically hurt by an intimate partner as compared to 10% of men.



**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005**  
**INTIMATE PARTNER VIOLENCE: EVER THREATENED WITH PHYSICAL**  
**VIOLENCE BY AN INTIMATE PARTNER**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	<b>4563</b>	<b>0.1454</b>	<b>0.1299 - 0.1609</b>	<b>0.1467</b>	<b>0.1314 - 0.162</b>
<b>REGION</b>					
Central	577	0.1576	0.1229 - 0.1923	0.1666	0.1315 - 0.2017
Kansas City	853	0.168	0.1386 - 0.1974	0.1651	0.1357 - 0.1945
Northeast	534	0.1534	0.1166 - 0.1902	0.1646	0.1258 - 0.2034
Northwest	601	0.1389	0.1075 - 0.1703	0.1453	0.114 - 0.1767
Southeast	521	0.1625	0.1262 - 0.1988	0.1726	0.134 - 0.2112
Southwest	586	0.1409	0.1054 - 0.1764	0.1435	0.108 - 0.1789
St. Louis	851	0.1282	0.0943 - 0.1621	0.1276	0.0939 - 0.1613
<b>GENDER</b>					
Female	2752	0.1964	0.1756 - 0.2172	0.2011	0.1801 - 0.2221
Male	1811	0.0919	0.069 - 0.1148	0.0912	0.0693 - 0.1132
<b>RACE</b>					
Black	327	0.1978	0.138 - 0.2576	0.1892	0.1333 - 0.245
Other	286	0.1766	0.0957 - 0.2575	0.1866	0.1054 - 0.2677
White	3926	0.1373	0.1216 - 0.153	0.1399	0.1236 - 0.1561
<b>EDUCATION</b>					
< HS	558	0.1522	0.1057 - 0.1987	0.1934	0.1331 - 0.2538
HS	1664	0.1279	0.1061 - 0.1497	0.1376	0.1139 - 0.1613
> HS	2338	0.1539	0.1314 - 0.1764	0.146	0.1243 - 0.1678
<b>INCOME</b>					
<\$15,000	603	0.207	0.1609 - 0.2531	0.2384	0.1825 - 0.2942
\$15-24,999	778	0.1868	0.1511 - 0.2225	0.2228	0.1815 - 0.2642
\$25-34,999	615	0.1599	0.1078 - 0.212	0.1706	0.121 - 0.2201
\$35-49,999	751	0.1355	0.1018 - 0.1692	0.1281	0.0974 - 0.1589
\$50-74,999	653	0.1307	0.0988 - 0.1626	0.1192	0.089 - 0.1494
\$75,000+	641	0.1136	0.0815 - 0.1457	0.1014	0.0732 - 0.1296

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005**  
**INTIMATE PARTNER VIOLENCE: EVER PHYSICALLY HURT BY AN INTIMATE PARTNER**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4557	0.157	0.1411 - 0.1729	0.1585	0.1426 - 0.1744
<b>REGION</b>					
Central	576	0.1583	0.1234 - 0.1932	0.1665	0.1314 - 0.2016
Kansas City	855	0.1809	0.1505 - 0.2113	0.1776	0.1474 - 0.2078
Northeast	532	0.1758	0.1352 - 0.2164	0.1887	0.1461 - 0.2312
Northwest	601	0.1523	0.1184 - 0.1862	0.1591	0.1254 - 0.1928
Southeast	517	0.1586	0.1231 - 0.1941	0.1673	0.1297 - 0.205
Southwest	587	0.1642	0.1258 - 0.2026	0.167	0.1284 - 0.2056
St. Louis	849	0.1408	0.1061 - 0.1755	0.1425	0.1064 - 0.1785
<b>GENDER</b>					
Female	2746	0.2138	0.1917 - 0.2359	0.2188	0.1965 - 0.2412
Male	1811	0.0972	0.0747 - 0.1197	0.0968	0.075 - 0.1185
<b>RACE</b>					
Black	327	0.1902	0.1316 - 0.2488	0.1861	0.1305 - 0.2418
Other	285	0.1826	0.1185 - 0.2467	0.1946	0.1359 - 0.2532
White	3922	0.151	0.1339 - 0.1681	0.1535	0.1358 - 0.1711
<b>EDUCATION</b>					
< HS	556	0.182	0.131 - 0.233	0.2418	0.1752 - 0.3085
HS	1666	0.1405	0.1146 - 0.1664	0.1489	0.1216 - 0.1761
> HS	2332	0.1614	0.1398 - 0.183	0.1529	0.1315 - 0.1743
<b>INCOME</b>					
<\$15,000	601	0.2377	0.1838 - 0.2916	0.2676	0.2078 - 0.3274
\$15-24,999	776	0.1711	0.137 - 0.2052	0.2002	0.1604 - 0.24
\$25-34,999	615	0.1579	0.1152 - 0.2006	0.171	0.1265 - 0.2155
\$35-49,999	750	0.1708	0.1291 - 0.2125	0.1646	0.1237 - 0.2056
\$50-74,999	653	0.1323	0.1005 - 0.1641	0.1182	0.0886 - 0.1478
\$75,000+	641	0.137	0.1029 - 0.1711	0.1201	0.0905 - 0.1497

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005**  
**INTIMATE PARTNER VIOLENCE: EVER THREATENED WITH PHYSICAL**  
**VIOLENCE BY AN INTIMATE PARTNER - OTHER**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4547	0.1306	0.1157 - 0.1455	0.1324	0.1175 - 0.1473
<b>REGION</b>					
Central	574	0.1295	0.0972 - 0.1618	0.1365	0.1034 - 0.1696
Kansas City	853	0.141	0.1116 - 0.1704	0.1388	0.11 - 0.1676
Northeast	530	0.137	0.1002 - 0.1738	0.145	0.1064 - 0.1836
Northwest	599	0.1427	0.107 - 0.1784	0.1441	0.11 - 0.1782
Southeast	519	0.1623	0.1247 - 0.1999	0.1775	0.1373 - 0.2177
Southwest	586	0.1339	0.0988 - 0.169	0.1367	0.101 - 0.1724
St. Louis	846	0.115	0.0831 - 0.1469	0.1162	0.0829 - 0.1496
<b>GENDER</b>					
Female	2739	0.1502	0.1316 - 0.1688	0.1538	0.135 - 0.1726
Male	1808	0.11	0.0865 - 0.1335	0.11	0.0869 - 0.1331
<b>RACE</b>					
Black	327	0.1522	0.1026 - 0.2018	0.1448	0.0992 - 0.1905
Other	284	0.1436	0.0881 - 0.1991	0.1555	0.1008 - 0.2102
White	3914	0.127	0.1107 - 0.1433	0.1301	0.1134 - 0.1467
<b>EDUCATION</b>					
< HS	555	0.1614	0.11 - 0.2128	0.2242	0.1499 - 0.2985
HS	1663	0.1193	0.0975 - 0.1411	0.1287	0.1054 - 0.1521
> HS	2326	0.1309	0.1101 - 0.1517	0.1249	0.1043 - 0.1455
<b>INCOME</b>					
<\$15,000	599	0.1618	0.1175 - 0.2061	0.193	0.1379 - 0.2481
\$15-24,999	775	0.1797	0.1419 - 0.2175	0.2082	0.1652 - 0.2511
\$25-34,999	615	0.145	0.1025 - 0.1875	0.1548	0.1107 - 0.1989
\$35-49,999	748	0.1211	0.0907 - 0.1515	0.1143	0.0869 - 0.1417
\$50-74,999	652	0.106	0.0737 - 0.1383	0.0959	0.065 - 0.1269
\$75,000+	640	0.1111	0.0784 - 0.1438	0.1017	0.0727 - 0.1307

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005**  
**INTIMATE PARTNER VIOLENCE: EVER EXPERIENCED UNWANTED SEX WITH**  
**AN INTIMATE PARTNER**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	4532	0.0588	0.0482 - 0.0694	0.0579	0.0475 - 0.0683
<b>REGION</b>					
Central	571	0.0515	0.0317 - 0.0713	0.0533	0.0329 - 0.0737
Kansas City	849	0.0551	0.0392 - 0.071	0.0521	0.0368 - 0.0674
Northeast	529	0.0733	0.0463 - 0.1003	0.0766	0.0484 - 0.1049
Northwest	602	0.0608	0.0412 - 0.0804	0.0625	0.0429 - 0.0821
Southeast	516	0.062	0.0393 - 0.0847	0.0623	0.0394 - 0.0852
Southwest	584	0.0627	0.0386 - 0.0868	0.0632	0.0393 - 0.0871
St. Louis	841	0.0589	0.0338 - 0.084	0.0573	0.0326 - 0.082
<b>GENDER</b>					
Female	2731	0.1012	0.0843 - 0.1181	0.102	0.0848 - 0.1193
Male	1801	0.0142	0.002 - 0.0264	0.0129	0.0019 - 0.0239
<b>RACE</b>					
Black	322	0.0854	0.0462 - 0.1246	0.0818	0.0449 - 0.1186
Other	280	0.1257	0.0455 - 0.2059	0.1266	0.0455 - 0.2078
White	3908	0.0504	0.0408 - 0.06	0.0505	0.0407 - 0.0603
<b>EDUCATION</b>					
< HS	549	0.0646	0.0332 - 0.096	0.0796	0.0445 - 0.1146
HS	1662	0.049	0.0357 - 0.0623	0.0492	0.0347 - 0.0637
> HS	2318	0.0629	0.0468 - 0.079	0.0581	0.043 - 0.0732
<b>INCOME</b>					
<\$15,000	590	0.0994	0.0667 - 0.1321	0.1126	0.0748 - 0.1504
\$15-24,999	773	0.0661	0.0477 - 0.0845	0.0765	0.0546 - 0.0985
\$25-34,999	614	0.0942	0.0446 - 0.1438	0.091	0.0454 - 0.1367
\$35-49,999	749	0.0521	0.0301 - 0.0741	0.0484	0.0292 - 0.0676
\$50-74,999	652	0.0272	0.0145 - 0.0399	0.0282	0.012 - 0.0445
\$75,000+	640	0.0496	0.022 - 0.0772	0.0543	0.011 - 0.0976

ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005 INTIMATE PARTNER VIOLENCE: IN THE PAST 12 MONTHS EXPERIENCED PHYSICAL VIOLENCE OR UNWANTED SEX WITH AN INTIMATE PARTNER Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	4524	0.016	0.0101 - 0.0219	0.0161	0.0104 - 0.0218
REGION					
Central	570	0.017	0.0027 - 0.0313	0.0183	0.0034 - 0.0332
Kansas City	848	0.0218	0.0079 - 0.0357	0.0221	0.008 - 0.0363
Northeast	527	0.0143	0 - 0.03	0.0147	0 - 0.0302
Northwest	600	0.0175	0.001 - 0.034	0.0154	0.002 - 0.0287
Southeast	515	0.0099	0.0015 - 0.0183	0.0116	0.0018 - 0.0214
Southwest	583	0.0214	0.0014 - 0.0414	0.0224	0.0028 - 0.042
St. Louis	841	0.0124	0.0018 - 0.023	0.0128	0.0013 - 0.0244
GENDER					
Female	2726	0.0234	0.0132 - 0.0336	0.024	0.014 - 0.034
Male	1798	0.0082	0.0029 - 0.0135	0.008	0.0027 - 0.0133
RACE					
Black	321	0.0407	0.0084 - 0.073	0.0339	0.0065 - 0.0614
Other	278	0.0421	0.0033 - 0.0809	0.0359	0.0067 - 0.0651
White	3903	0.0117	0.0064 - 0.017	0.0122	0.0067 - 0.0177
EDUCATION					
< HS	547	0.0352	0.0074 - 0.063	0.0439	0.0124 - 0.0755
HS	1659	0.0174	0.0056 - 0.0292	0.0179	0.0062 - 0.0297
> HS	2315	0.0115	0.006 - 0.017	0.011	0.0057 - 0.0163
INCOME					
<\$15,000	589	0.0478	0.0092 - 0.0864	0.0493	0.0152 - 0.0834
\$15-24,999	772	0.0236	0.0085 - 0.0387	0.0303	0.0109 - 0.0497
\$25-34,999	612	0.0166	0 - 0.0362	0.0165	0 - 0.0337
\$35-49,999	749	0.0175	0.005 - 0.03	0.017	0.0045 - 0.0296
\$50-74,999	651	0.0027	0 - 0.007	0.0021	0 - 0.0054
\$75,000+	640	0.0059	0 - 0.0133	0.0054	0 - 0.0126

**ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005**  
**INTIMATE PARTNER VIOLENCE: IN THE PAST 12 MONTHS EXPERIENCED**  
**INJURIES DUE TO PHYSICAL VIOLENCE OR UNWANTED SEX WITH AN**  
**INTIMATE PARTNER**

Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)

	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
<b>OVERALL</b>	<b>4522</b>	<b>0.0091</b>	<b>0.005 - 0.0132</b>	<b>0.0091</b>	<b>0.0049 - 0.0132</b>
<b>REGION</b>					
Central	570	0.0026	0 - 0.0055	0.0027	0 - 0.0059
Kansas City	847	0.0135	0.0027 - 0.0243	0.0134	0.0028 - 0.024
Northeast	527	0.0096	0 - 0.0223	0.0092	0 - 0.0205
Northwest	600	0.0109	0 - 0.0252	0.0094	0 - 0.0209
Southeast	515	0.0064	0 - 0.0131	0.007	0 - 0.0143
Southwest	583	0.0178	0 - 0.037	0.0182	0 - 0.0366
St. Louis	840	0.006	0.0007 - 0.0113	0.0059	0.0004 - 0.0114
<b>GENDER</b>					
Female	2725	0.0136	0.0065 - 0.0207	0.0139	0.0066 - 0.0211
Male	1797	0.0044	0.0005 - 0.0083	0.0041	0.0006 - 0.0077
<b>RACE</b>					
Black	319	0.0233	0 - 0.0478	0.0204	0 - 0.0424
Other	278	0.0291	0 - 0.0658	0.0197	0 - 0.0434
White	3903	0.0062	0.0033 - 0.0091	0.0064	0.0033 - 0.0096
<b>EDUCATION</b>					
< HS	546	0.0212	0 - 0.0459	0.02	0.0003 - 0.0398
HS	1659	0.0047	0.001 - 0.0084	0.005	0.0011 - 0.0089
> HS	2314	0.0094	0.0041 - 0.0147	0.009	0.0039 - 0.0141
<b>INCOME</b>					
<\$15,000	588	0.0183	0.003 - 0.0336	0.0215	0.0015 - 0.0415
\$15-24,999	772	0.0117	0.0017 - 0.0217	0.0144	0.0017 - 0.0272
\$25-34,999	612	0.0164	0 - 0.036	0.0162	0 - 0.0334
\$35-49,999	749	0.0124	0.001 - 0.0238	0.012	0.0008 - 0.0231
\$50-74,999	651	0.0027	0 - 0.007	0.0021	0 - 0.0054
\$75,000+	640	0.0031	0 - 0.0092	0.0033	0 - 0.0098

## SECTION 24. VETERAN'S STATUS AMONG MISSOURI ADULTS, 2005

### ***Description of BRFSS questions regarding Veteran's Status:***

All respondents were asked if they ever served on active duty in the United States Armed Forces, either in the regular military or in a National Guard or military reserve unit.

### ***Summary of Veteran's Status:***

In 2005, 15% of Missouri adults reported ever serving on active duty in the United States Armed Forces. More men (29%) than women (2%) reported serving. See the tables below for more detailed information on Veteran's Status reporting in Missouri by region, gender, race, education and income.

ADDITIONAL TOPICS AMONG MISSOURI ADULTS, 2005 VETERAN'S STATUS: EVER SERVED ON ACTIVE DUTY IN THE UNITED STATES ARMED FORCES Crude And Age-Adjusted Prevalence And 95% Confidence Intervals (CI)					
	N	Crude Prev	Crude 95% CI LCI - UCI	Age-Adj Prev	Age-Adj 95% CI LCI - UCI
OVERALL	5150	0.1475	0.1334 - 0.1616	0.1433	0.13 - 0.1566
REGION					
Central	659	0.1807	0.1448 - 0.2166	0.1801	0.1451 - 0.2152
Kansas City	991	0.1441	0.1194 - 0.1688	0.1434	0.1196 - 0.1671
Northeast	595	0.1404	0.1088 - 0.172	0.1294	0.0998 - 0.159
Northwest	658	0.1622	0.1279 - 0.1965	0.1624	0.1285 - 0.1963
Southeast	583	0.1291	0.0997 - 0.1585	0.1185	0.0905 - 0.1465
Southwest	661	0.1494	0.1176 - 0.1812	0.1417	0.1106 - 0.1729
St. Louis	950	0.1421	0.1102 - 0.174	0.1378	0.1088 - 0.1668
GENDER					
Female	3152	0.0159	0.0096 - 0.0222	0.0162	0.01 - 0.0225
Male	1998	0.2899	0.2617 - 0.3181	0.2936	0.2699 - 0.3173
RACE					
Black	389	0.1293	0.0742 - 0.1844	0.1368	0.0847 - 0.189
Other	331	0.1791	0.0999 - 0.2583	0.1943	0.123 - 0.2657
White	4395	0.1444	0.1303 - 0.1585	0.1377	0.1246 - 0.1508
EDUCATION					
< HS	657	0.1101	0.0742 - 0.146	0.076	0.0482 - 0.1039
HS	1919	0.166	0.1405 - 0.1915	0.1551	0.13 - 0.1802
> HS	2569	0.1442	0.125 - 0.1634	0.1561	0.1379 - 0.1744
INCOME					
<\$15,000	703	0.1289	0.0934 - 0.1644	0.1126	0.0793 - 0.1459
\$15-24,999	892	0.172	0.134 - 0.21	0.1482	0.1147 - 0.1817
\$25-34,999	695	0.1908	0.1404 - 0.2412	0.1839	0.1345 - 0.2333
\$35-49,999	821	0.1675	0.1326 - 0.2024	0.1781	0.1434 - 0.2128
\$50-74,999	691	0.1548	0.1199 - 0.1897	0.1544	0.1207 - 0.1881
\$75,000+	692	0.1131	0.0847 - 0.1415	0.1639	0.1296 - 0.1982